

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000103.D
 Acq On : 15 Feb 2018 18:42
 Operator : JU/SJ
 Sample : J1161-07
 Misc : 5 PPM LOD
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 16 03:56:48 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	325893	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	1630822	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	989108	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2247572	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2512442	20.00	ng	-0.02
86) Perylene-d12	24.39	264	2675473	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.93	112	2653406	132.69	ng	-0.01
7) Phenol-d6	7.58	99	3849374	127.09	ng	-0.01
23) Nitrobenzene-d5	9.64	82	2735172	99.72	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1322517	135.08	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	6905159	98.39	ng	-0.01
78) Terphenyl-d14	20.35	244	9056143	97.33	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	35848	4.46	ng	99
3) Pyridine	4.12	79	99188	3.96	ng	99
4) n-Nitrosodimethylamine	4.01	42	28479	4.02	ng	91
6) Aniline	7.76	93	166592	3.99	ng	92
8) 2-Chlorophenol	8.01	128	106004	4.53	ng	84
9) Benzaldehyde	7.58	77	59917	3.18	ng	100
10) Phenol	7.61	94	140726	4.40	ng	89
11) bis(2-Chloroethyl)ether	7.86	93	115034	4.37	ng	# 82
12) 1,3-Dichlorobenzene	8.35	146	119389	4.49	ng	99
13) 1,4-Dichlorobenzene	8.50	146	121475	4.48	ng	96
14) 1,2-Dichlorobenzene	8.82	146	122391	4.58	ng	89
15) Benzyl Alcohol	8.69	79	80502	3.70	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.99	45	122913	4.42	ng	78
17) 2-Methylphenol	8.89	107	88206	3.88	ng	93
18) Hexachloroethane	9.57	117	37830	4.01	ng	# 82
19) n-Nitroso-di-n-propylamine	9.26	70	73860	3.64	ng	# 85
20) 3+4-Methylphenols	9.22	107	120234	3.78	ng	92
22) Acetophenone	9.29	105	189660	4.15	ng	# 88
24) Nitrobenzene	9.68	77	146477	4.88	ng	# 96
25) Isophorone	10.20	82	204003	3.60	ng	95
26) 2-Nitrophenol	10.40	139	32966	9.47	ng	# 85
27) 2,4-Dimethylphenol	10.44	122	86690	3.53	ng	91
28) bis(2-Chloroethoxy)methane	10.68	93	150436	4.14	ng	95
29) 2,4-Dichlorophenol	10.93	162	73515	3.23	ng	92
30) 1,2,4-Trichlorobenzene	11.16	180	117296	4.48	ng	97
31) Naphthalene	11.35	128	399525	4.47	ng	98
32) Benzoic acid	10.44	122	86690	14.25	ng	# 5
33) 4-Chloroaniline	11.45	127	143480	3.65	ng	94
34) Hexachlorobutadiene	11.63	225	60382	4.44	ng	95
35) Caprolactam	12.16	113	22904	6.13	ng	93
36) 4-Chloro-3-methylphenol	12.53	107	92210	3.19	ng	98
37) 2-Methylnaphthalene	12.93	142	272755	4.38	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	130216	4.46	ng	# 97
40) Hexachlorocyclopentadiene	13.26	237	41547	3.41	ng	89

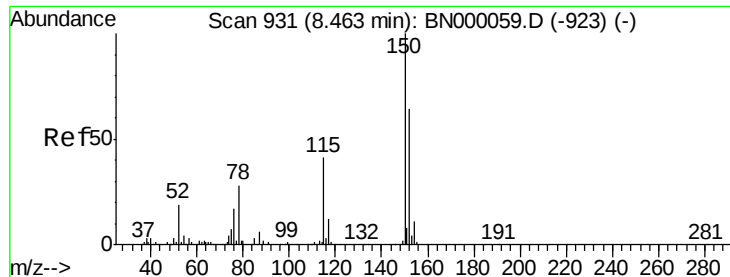
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	51638	2.95	ng	100
43) 2,4,5-Trichlorophenol	13.58	196	67272	3.20	ng	91
45) 1,1'-Biphenyl	13.91	154	409609	4.70	ng	98
46) 2-Chloronaphthalene	13.96	162	289446	4.43	ng	96
47) 2-Nitroaniline	14.15	65	46281	7.05	ng	85
48) Acenaphthylene	14.80	152	427466	4.06	ng	98
49) Dimethylphthalate	14.50	163	343680	4.16	ng	98
50) 2,6-Dinitrotoluene	14.63	165	52394	3.07	ng	94
51) Acenaphthene	15.13	154	304240	4.44	ng	97
52) 3-Nitroaniline	14.96	138	60484	2.92	ng	# 97
53) 2,4-Dinitrophenol	15.15	184	11672	10.93	ng	74
54) Dibenzofuran	15.46	168	447130	4.61	ng	97
55) 4-Nitrophenol	15.23	139	37999	7.07	ng	# 82
56) 2,4-Dinitrotoluene	15.40	165	59116	6.39	ng	91
57) Fluorene	16.10	166	359793	4.54	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.67	232	53975	3.25	ng	# 84
59) Diethylphthalate	15.85	149	338175	4.02	ng	95
60) 4-Chlorophenyl-phenylether	16.09	204	165375	4.58	ng	90
61) 4-Nitroaniline	16.10	138	61670	2.89	ng	91
62) Azobenzene	16.38	77	331698	3.97	ng	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	21700	10.38	ng	89
65) n-Nitrosodiphenylamine	16.30	169	292876	4.00	ng	96
66) 4-Bromophenyl-phenylether	16.97	248	86943	4.07	ng	# 81
67) Hexachlorobenzene	17.10	284	108315	4.34	ng	# 89
68) Atrazine	17.22	200	73301	3.08	ng	97
69) Pentachlorophenol	17.43	266	41299	8.06	ng	100
70) Phenanthrene	17.83	178	607248	4.57	ng	99
71) Anthracene	17.92	178	530686	4.13	ng	98
72) Carbazole	18.18	167	538120	4.16	ng	96
73) Di-n-butylphthalate	18.71	149	446735	3.12	ng	# 98
74) Fluoranthene	19.81	202	602455	4.33	ng	96
76) Benzidine	19.97	184	135466	1.69	ng	96
77) Pyrene	20.16	202	671538	4.21	ng	99
79) Butylbenzylphthalate	21.02	149	163731	7.30	ng	# 96
80) Benzo(a)anthracene	21.89	228	671992	4.35	ng	98
81) 3,3'-Dichlorobenzidine	21.81	252	178913	3.15	ng	# 95
82) Chrysene	21.94	228	714843	4.65	ng	98
83) Bis(2-ethylhexyl)phthalate	21.78	149	279046	5.24	ng	# 92
84) Di-n-octyl phthalate	22.74	149	380154	8.25	ng	98
85) Indeno(1,2,3-cd)pyrene	26.94	276	789890	4.18	ng	# 87
87) Benzo(b)fluoranthene	23.63	252	664047	4.24	ng	# 93
88) Benzo(k)fluoranthene	23.68	252	704246	4.47	ng	# 97
89) Benzo(a)pyrene	24.27	252	624899	4.16	ng	# 94
90) Dibenzo(a,h)anthracene	26.95	278	664083	4.23	ng	# 90
91) Benzo(g,h,i)perylene	27.73	276	649111	4.09	ng	# 89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

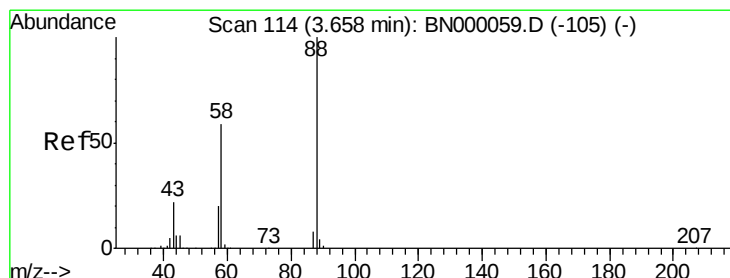
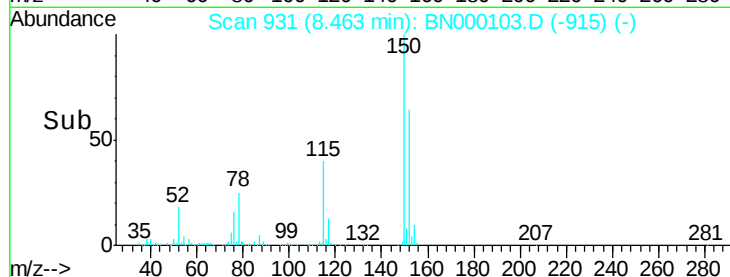
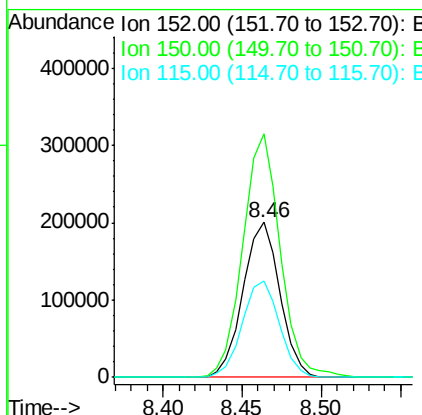
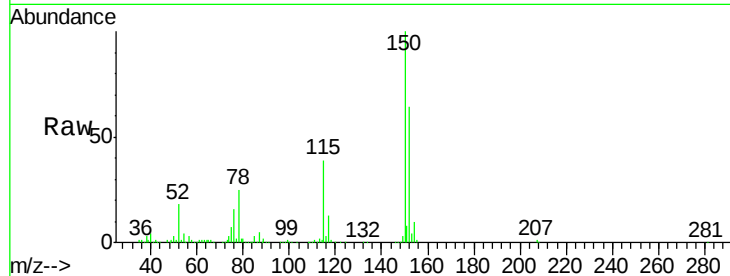


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Instrument :
BNA_N
ClientSampleId :

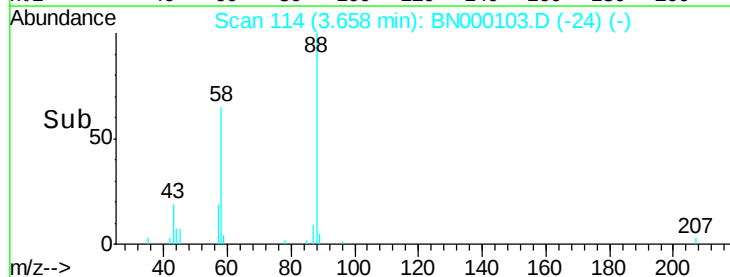
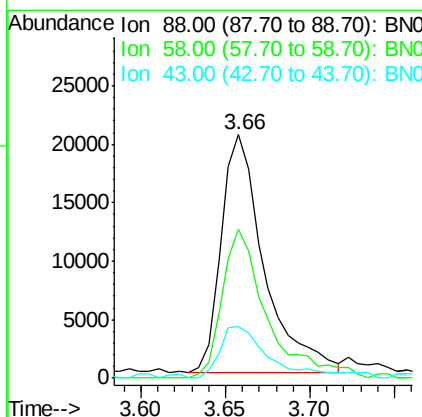
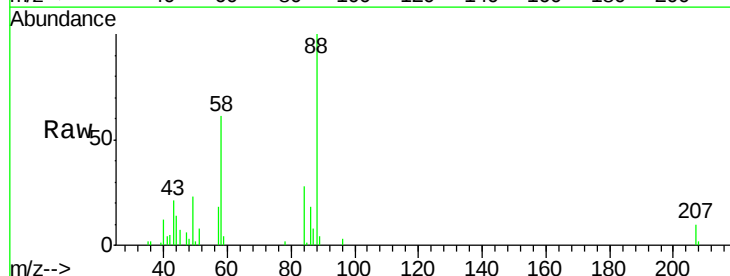
Tot Ion	152	Resp	325893
Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	61.9	53.0	79.4

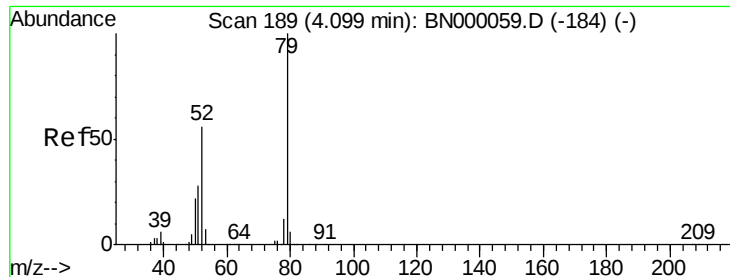


#2

1,4-Dioxane
Concen: 4.46 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion	88	Resp	35848
Ion	Ratio	Lower	Upper
88	100		
58	65.4	52.0	78.0
43	26.0	20.0	30.0

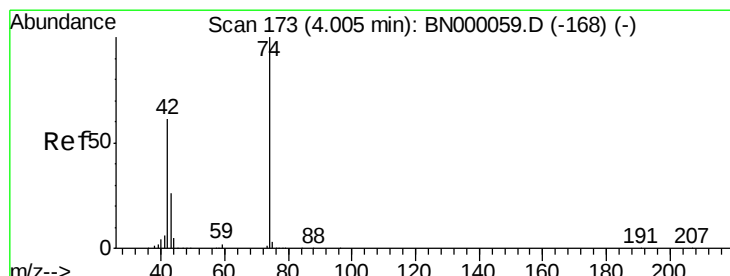
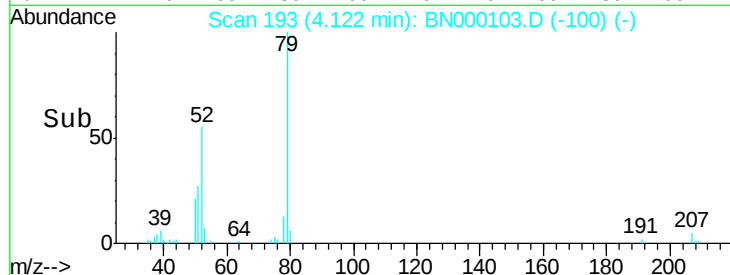
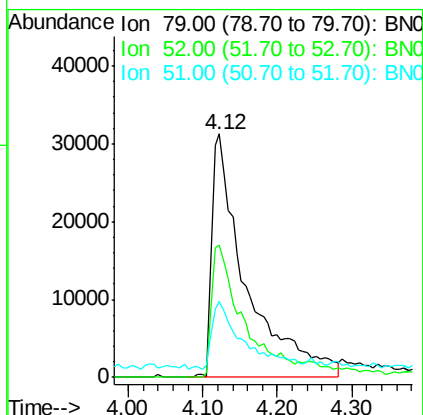
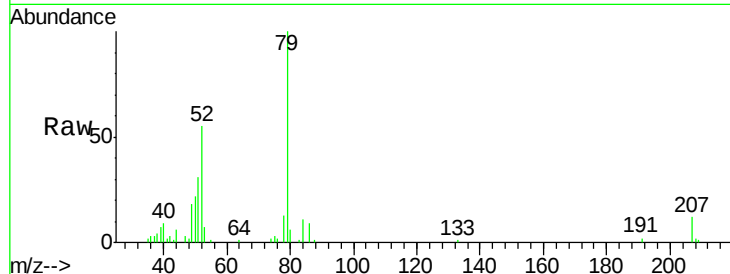




#3
 Pvridine
 Concen: 3.96 ng
 RT: 4.12 min Scan# 193
 Delta R.T. 0.02 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

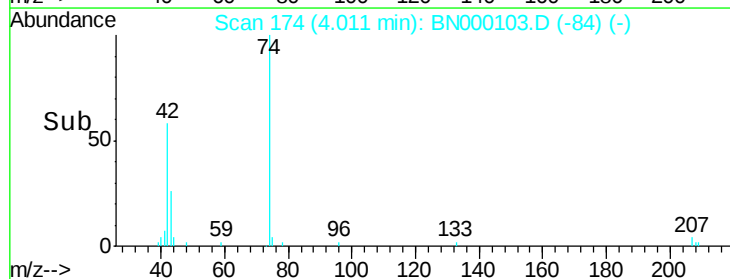
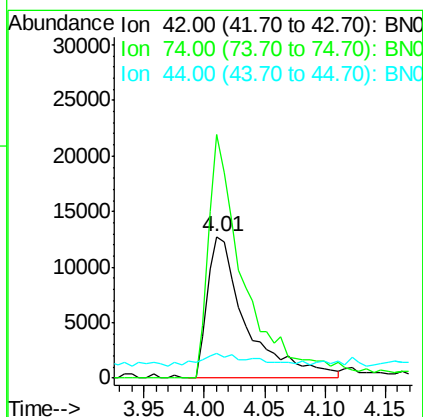
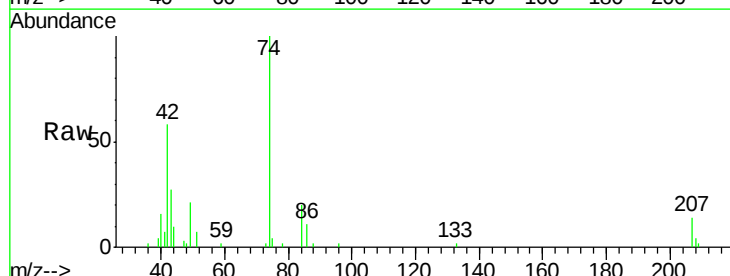
Instrument :
 BNA_N
 ClientSampled :

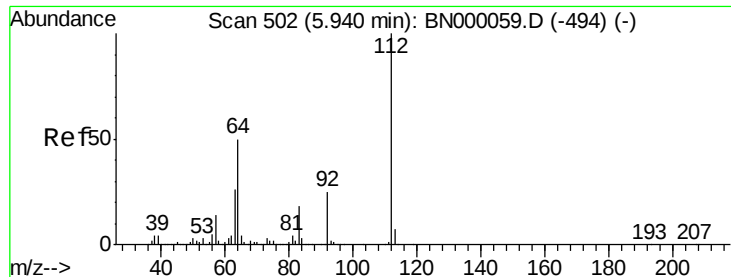
Tot Ion	79	Resp	99188
Ion Ratio	Lower	Upper	
79	100		
52	54.6	44.0	66.0
51	31.4	24.0	36.0



#4
 n-Nitrosodimethylamine
 Concen: 4.02 ng
 RT: 4.01 min Scan# 174
 Delta R.T. 0.00 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

Tgt Ion	42	Resp	28479
Ion Ratio	Lower	Upper	
42	100		
74	172.3	128.0	192.0
44	17.4	12.0	18.0





#5

2-Fluorophenol

Concen: 132.69 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

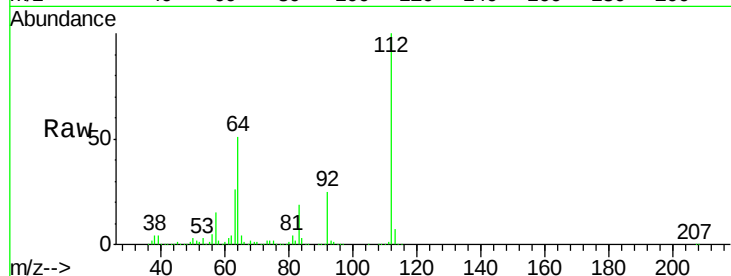
Tot Ion:112 Resp: 2653406

Ion Ratio Lower Upper

112 100

64 51.1 56.3 84.5#

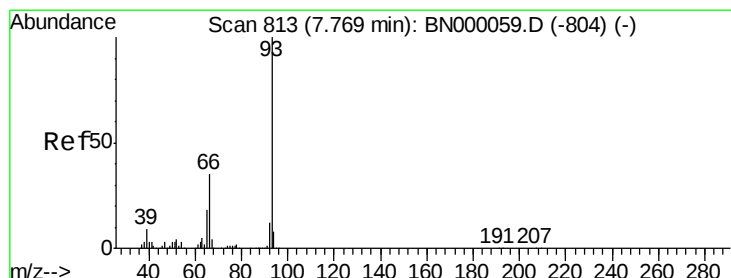
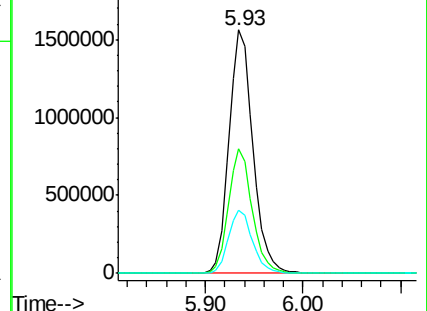
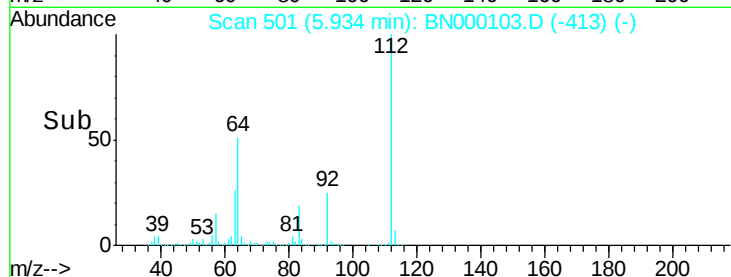
63 26.1 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 3.99 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

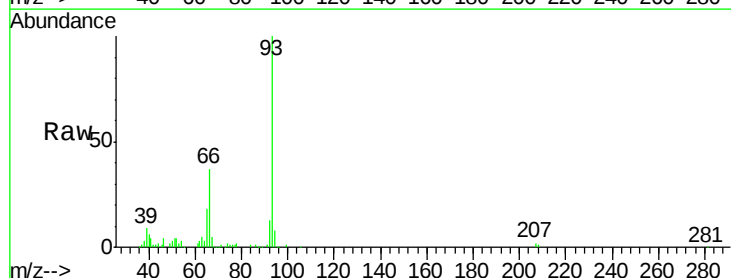
Tgt Ion: 93 Resp: 166592

Ion Ratio Lower Upper

93 100

66 36.6 33.7 50.5

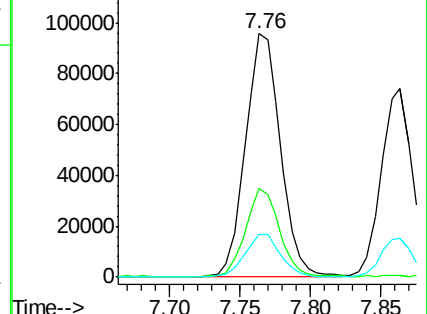
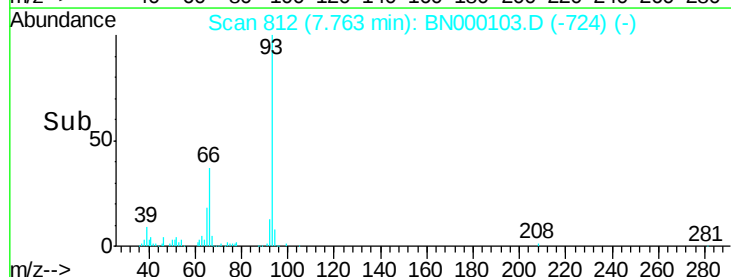
65 17.7 16.1 24.1

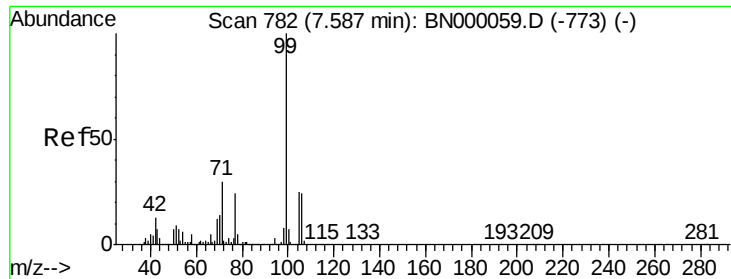


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 127.09 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

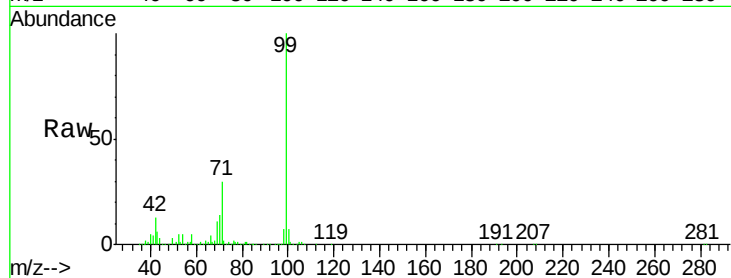
Tot Ion: 99 Resp: 3849374

Ion Ratio Lower Upper

99 100

42 12.7 14.1 21.1#

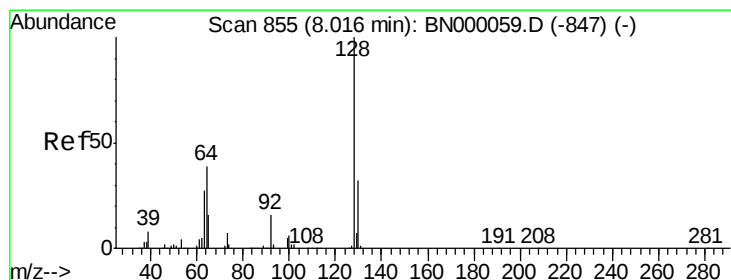
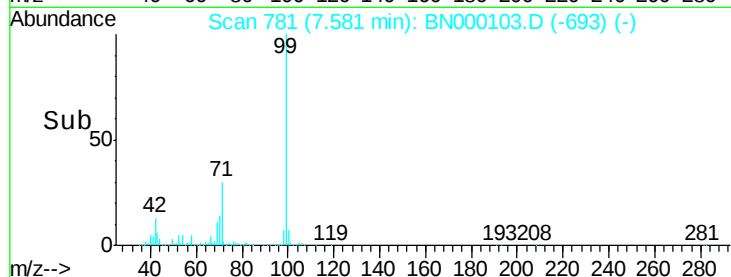
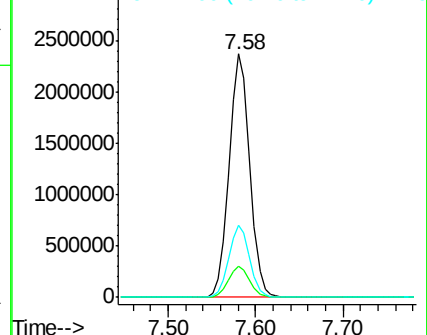
71 29.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000059.D (-773) (-)

Ion 42.00 (41.70 to 42.70): BN000059.D (-773) (-)

Ion 71.00 (70.70 to 71.70): BN000059.D (-773) (-)



#8

2-Chlorophenol

Concen: 4.53 ng

RT: 8.01 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

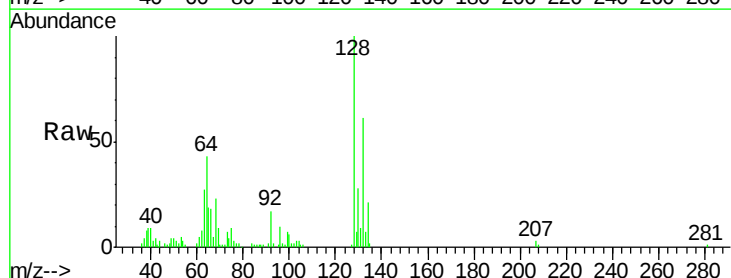
Tgt Ion: 128 Resp: 106004

Ion Ratio Lower Upper

128 100

130 27.5 14.0 54.0

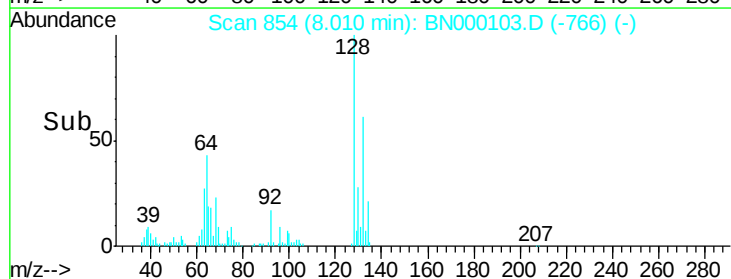
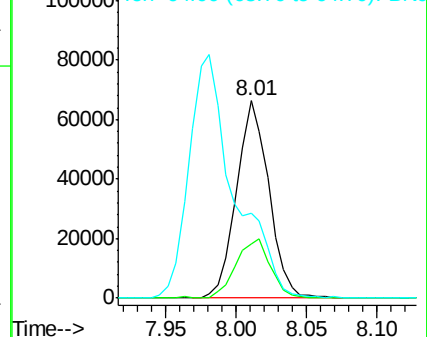
64 43.3 37.7 77.7

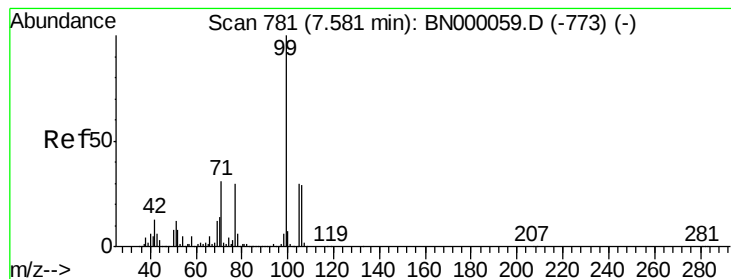


Abundance Ion 128.00 (127.70 to 128.70): BN000059.D (-847) (-)

Ion 130.00 (129.70 to 130.70): BN000059.D (-847) (-)

Ion 64.00 (63.70 to 64.70): BN000059.D (-847) (-)





#9

Benzaldehyd

Concen: 3.18 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

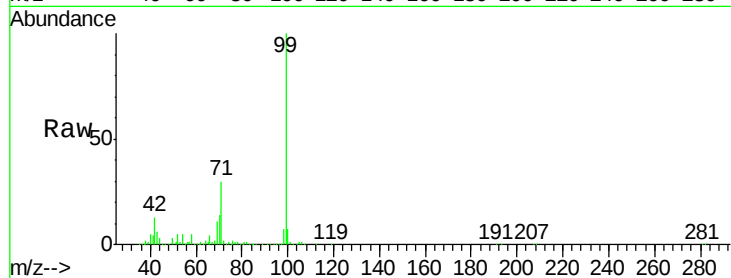
Tot Ion: 77 Resp: 59917

Ion Ratio Lower Upper

77 100

105 90.8 71.3 111.3

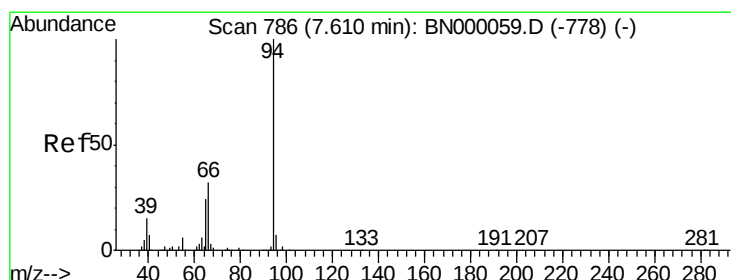
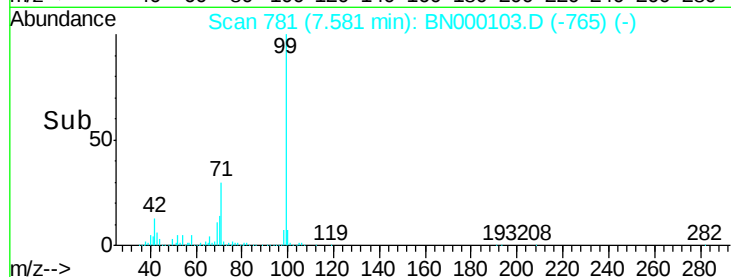
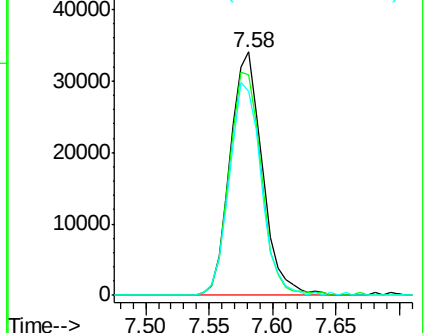
106 83.9 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BN000103.D (-765) (-)

Ion 105.00 (104.70 to 105.70): BN000103.D (-765) (-)

Ion 106.00 (105.70 to 106.70): BN000103.D (-765) (-)



#10

Phenol

Concen: 4.40 ng

RT: 7.61 min Scan# 786

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

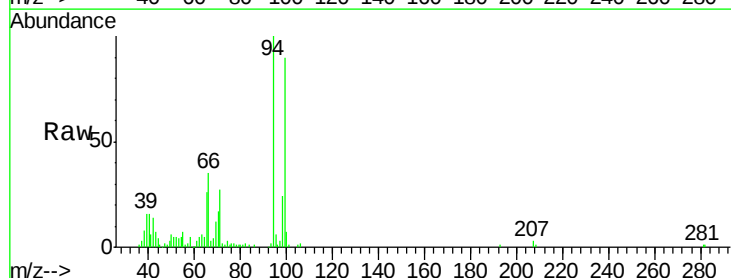
Tgt Ion: 94 Resp: 140726

Ion Ratio Lower Upper

94 100

65 26.4 11.9 51.9

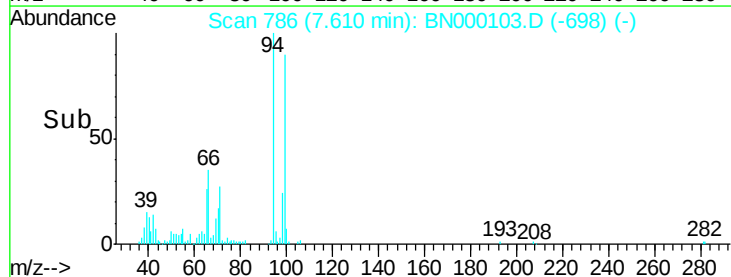
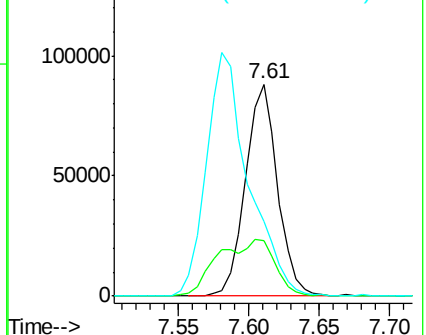
66 35.1 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BN000103.D (-698) (-)

Ion 65.00 (64.70 to 65.70): BN000103.D (-698) (-)

Ion 66.00 (65.70 to 66.70): BN000103.D (-698) (-)

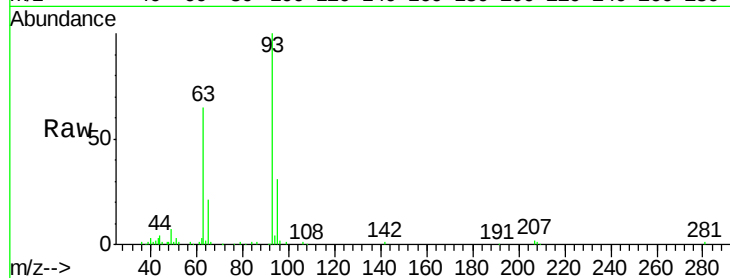




#11
bis(2-Chloroethyl)ether
Concen: 4.37 ng
RT: 7.86 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.7	67.1	107.1#
95	31.1	11.5	51.5

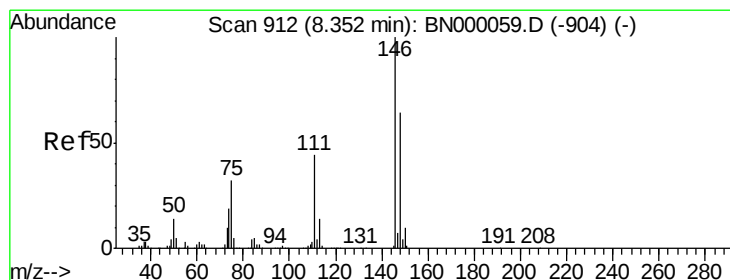
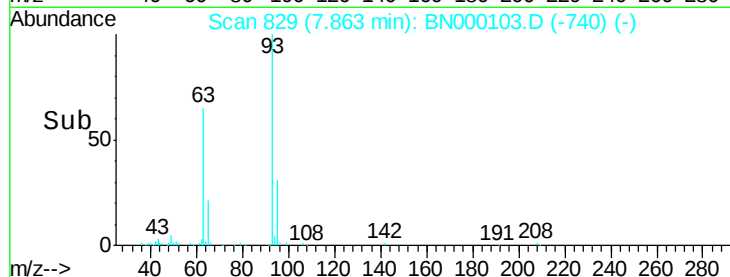
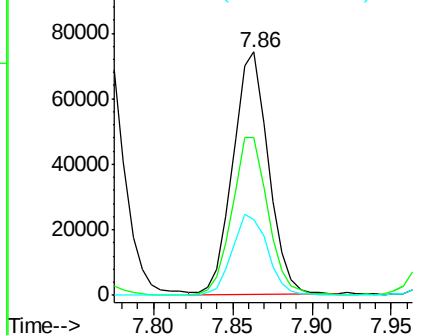


Abundance

Ion 93.00 (92.70 to 93.70): BN000059.D (-822) (-)

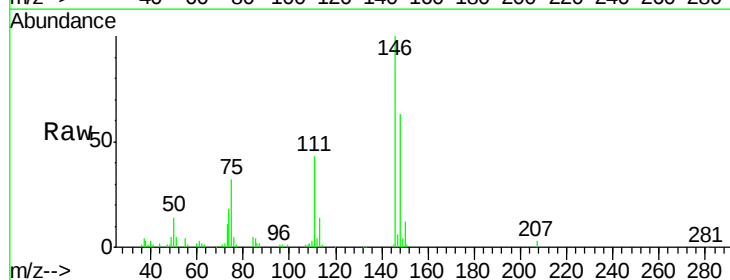
Ion 63.00 (62.70 to 63.70): BN000059.D (-822) (-)

Ion 95.00 (94.70 to 95.70): BN000059.D (-822) (-)



#12
1,3-Dichlorobenzene
Concen: 4.49 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
75	32.1	26.6	39.8

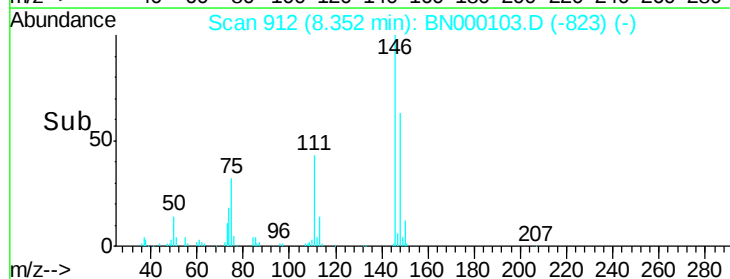
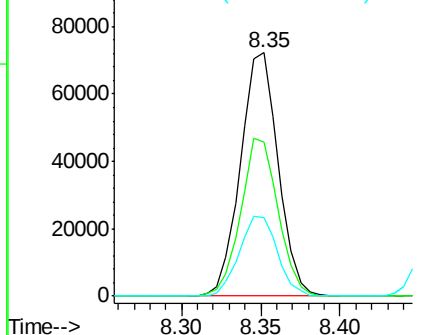


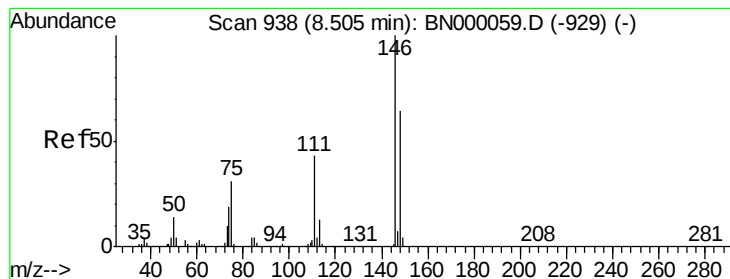
Abundance

Ion 146.00 (145.70 to 146.70): BN000059.D (-904) (-)

Ion 148.00 (147.70 to 148.70): BN000059.D (-904) (-)

Ion 75.00 (74.70 to 75.70): BN000059.D (-904) (-)





#13

1,4-Dichlorobenzene

Concen: 4.48 ng

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampled :

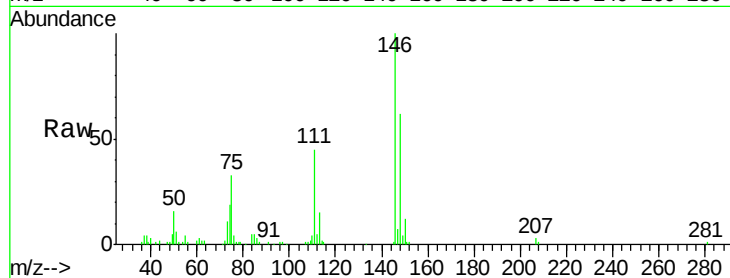
Tot Ion:146 Resp: 121475

Ion Ratio Lower Upper

146 100

148 62.1 53.7 80.5

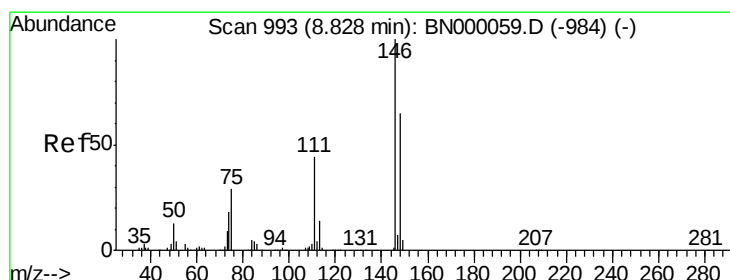
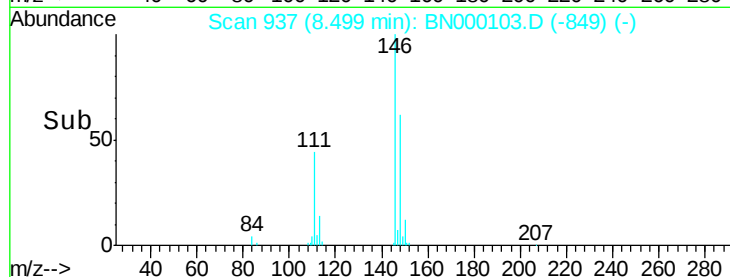
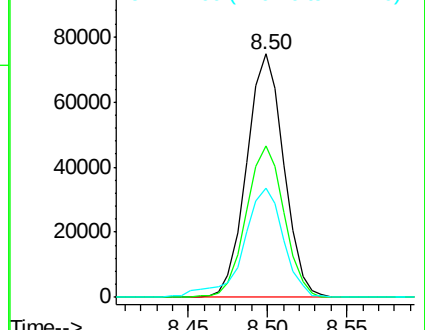
111 44.9 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 4.58 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

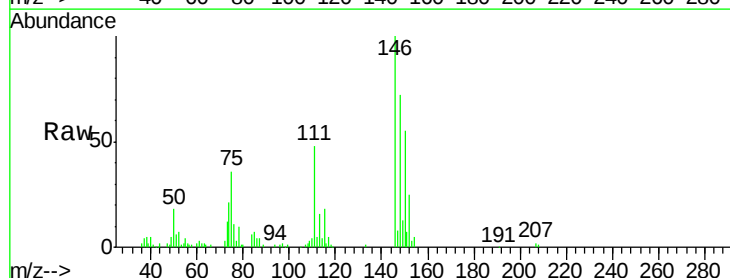
Tgt Ion:146 Resp: 122391

Ion Ratio Lower Upper

146 100

148 72.4 49.3 73.9

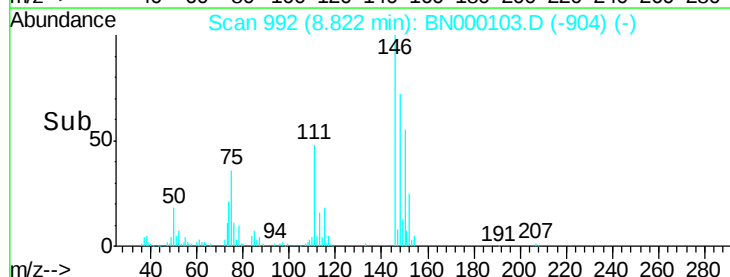
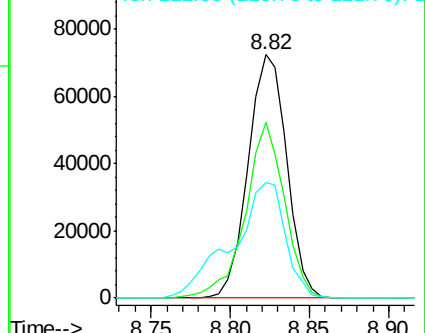
111 47.7 34.3 51.5

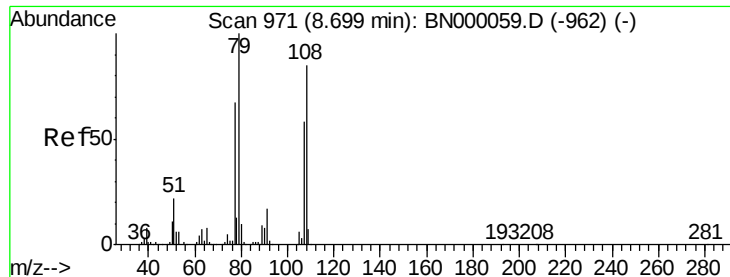


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 3.70 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

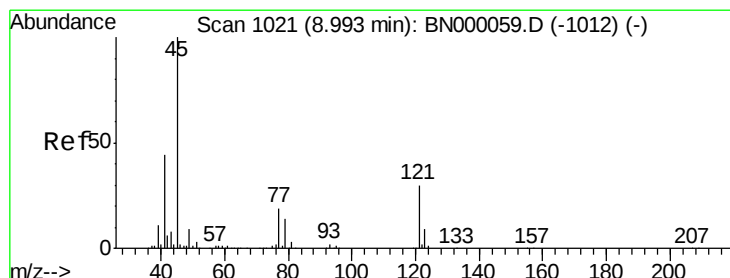
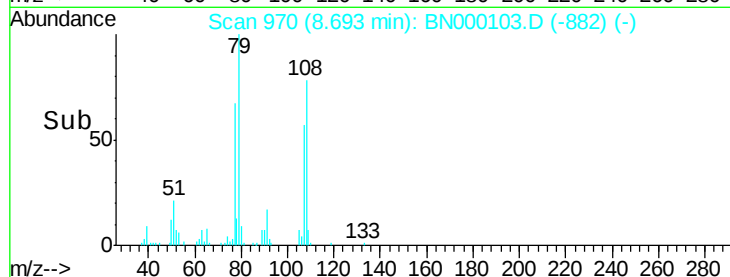
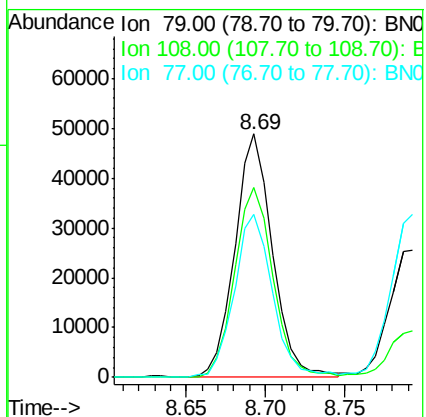
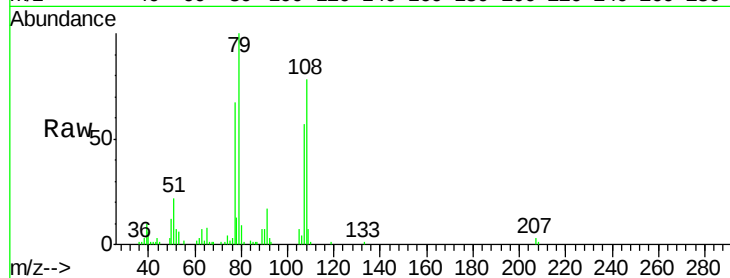
Tot Ion: 79 Resp: 80502

Ion Ratio Lower Upper

79 100

108 77.9 57.2 85.8

77 66.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.42 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

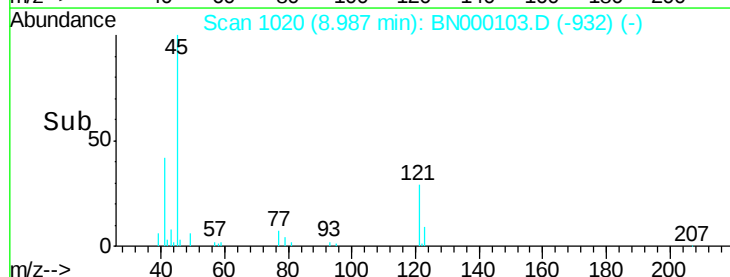
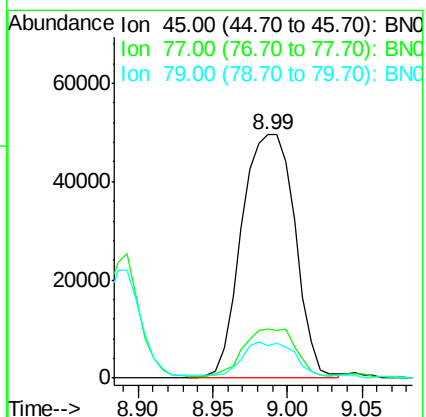
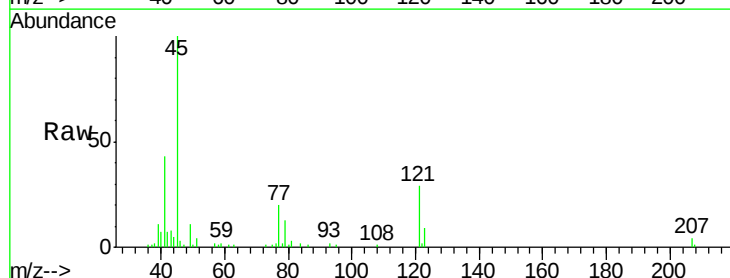
Tgt Ion: 45 Resp: 122913

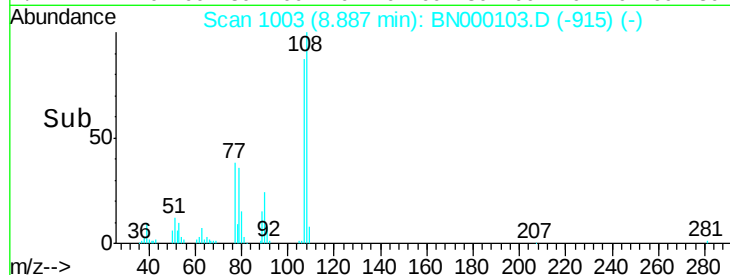
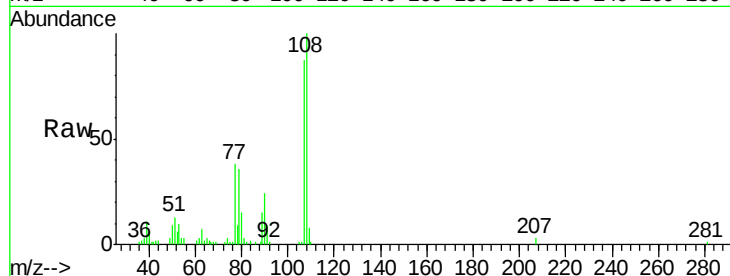
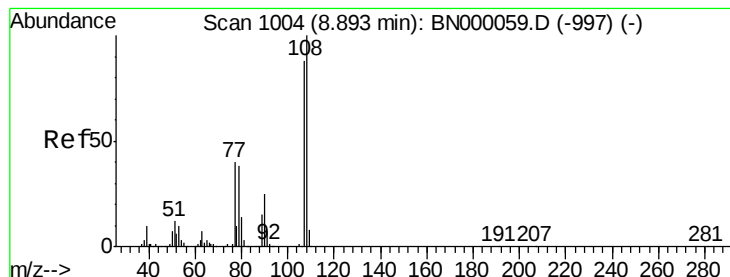
Ion Ratio Lower Upper

45 100

77 20.4 0.0 30.2

79 13.3 0.0 27.9





#17

2-Methylphenol

Concen: 3.88 ng

RT: 8.89 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampled :

Tot Ion:107 Resp: 88206

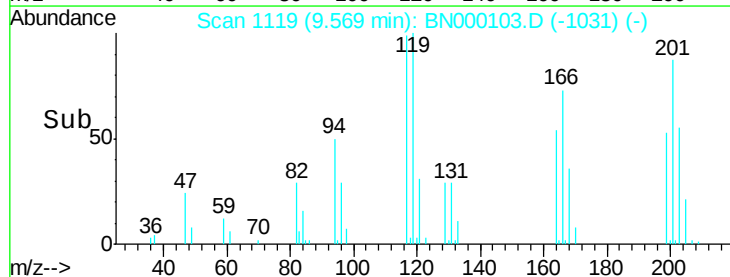
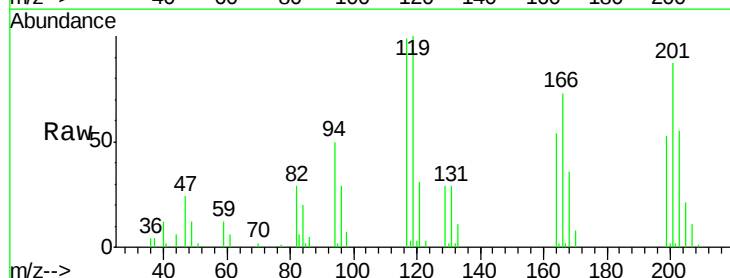
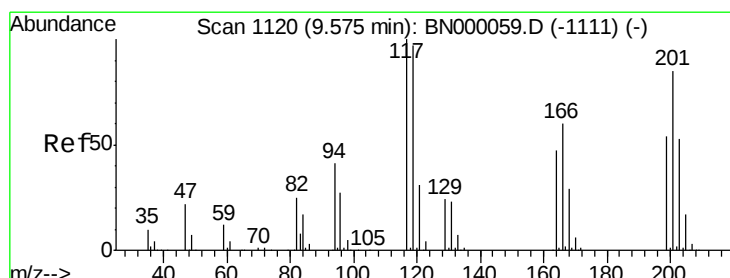
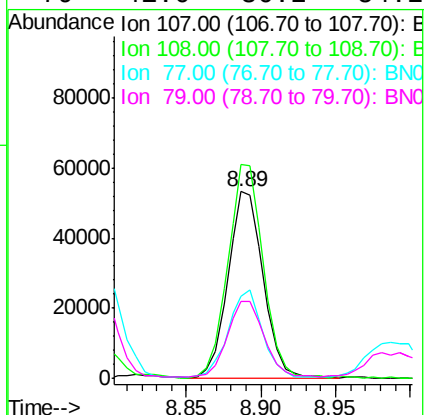
Ion Ratio Lower Upper

107 100

108 114.5 83.9 125.9

77 44.0 37.2 55.8

79 41.0 36.2 54.2



#18

Hexachloroethane

Concen: 4.01 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

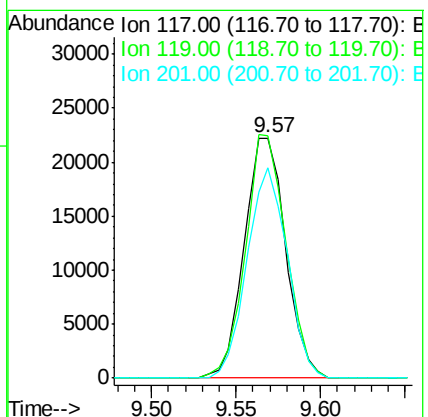
Tgt Ion:117 Resp: 37830

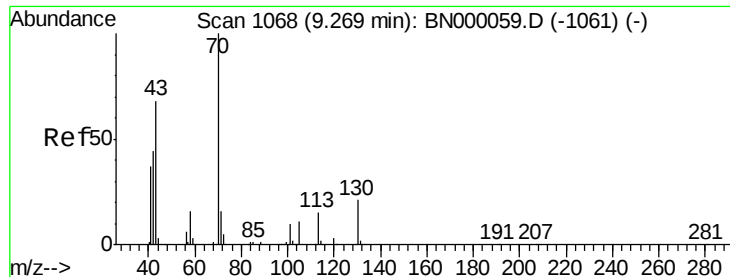
Ion Ratio Lower Upper

117 100

119 100.8 76.7 115.1

201 87.5 95.7 143.5#





#19

n-Nitroso-di-n-propylamine

Concen: 3.64 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 73860

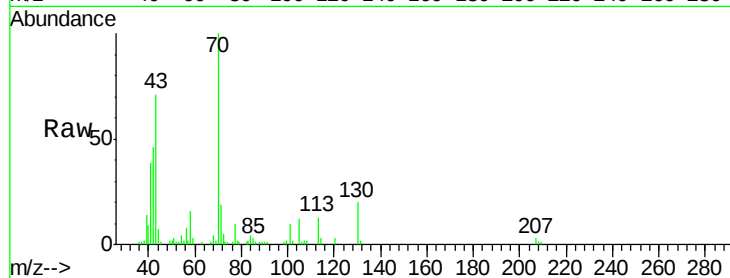
Ion Ratio Lower Upper

70 100

42 46.2 49.1 73.7#

101 9.8 8.5 12.7

130 19.8 13.4 20.0

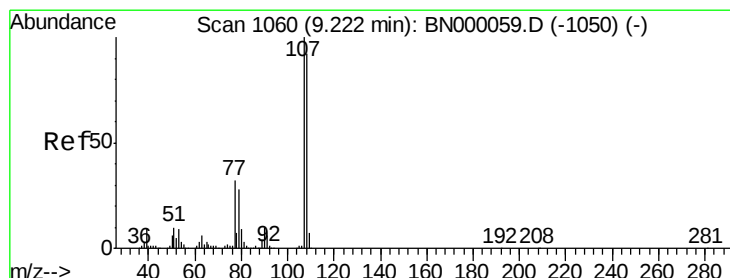
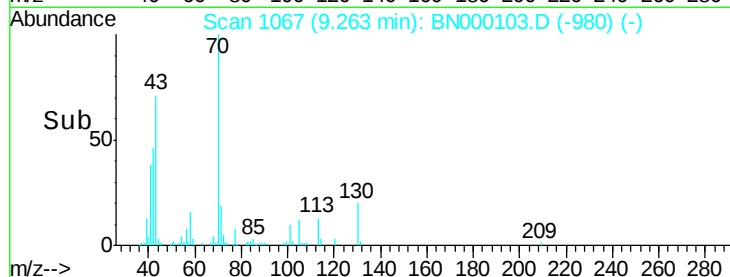
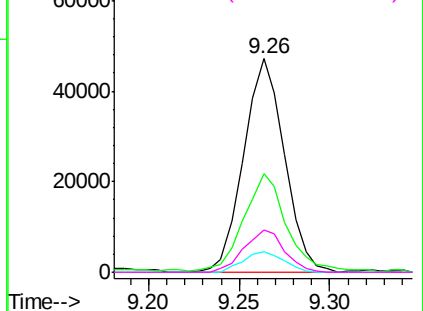


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 3.78 ng

RT: 9.22 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Tgt Ion:107 Resp: 120234

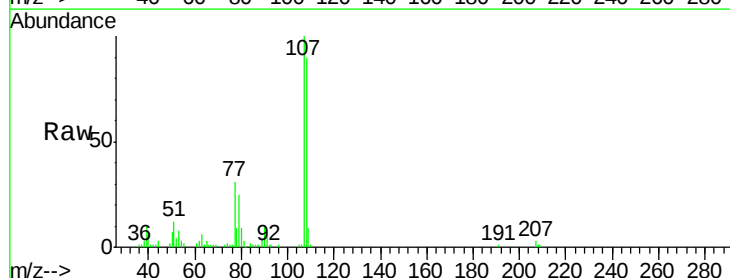
Ion Ratio Lower Upper

107 100

108 90.4 61.6 101.6

77 31.3 13.9 53.9

79 25.3 8.8 48.8

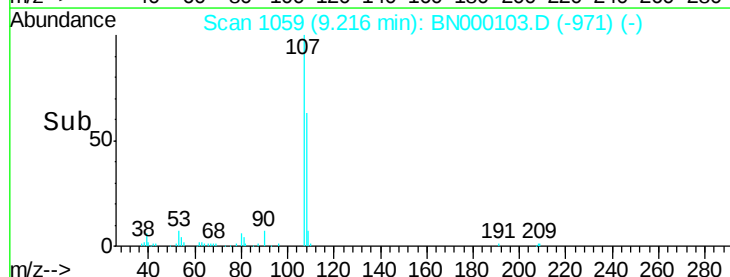
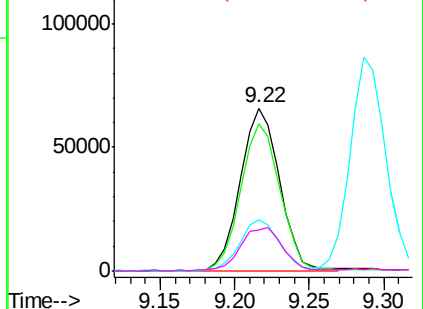


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0

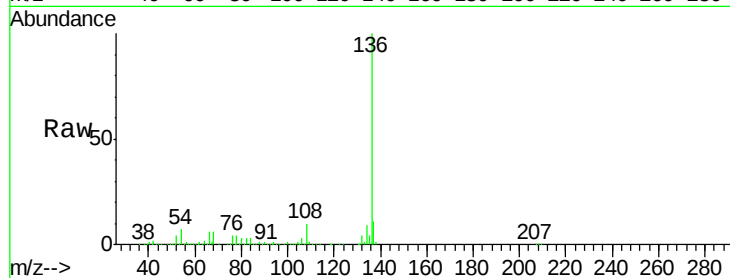




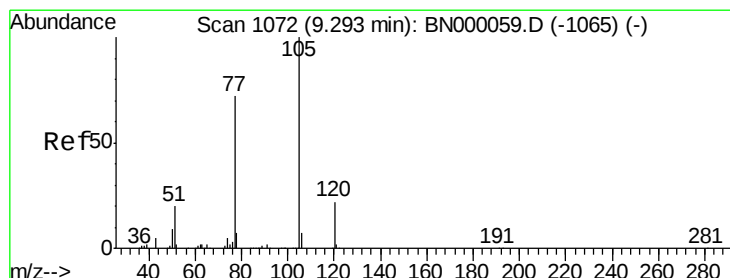
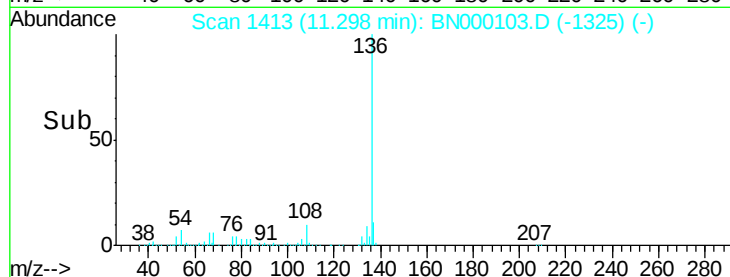
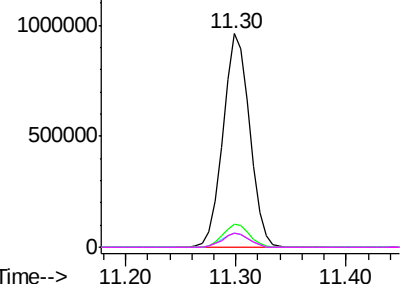
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Instrument :
BNA_N
ClientSampled :

Tot Ion:136	Resp: 1630822
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 6.8	10.3 15.5#
68 6.3	4.5 6.7

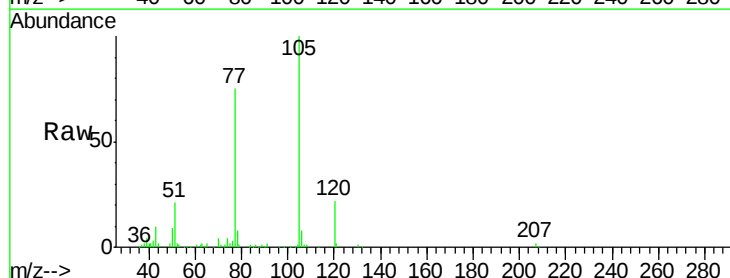


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

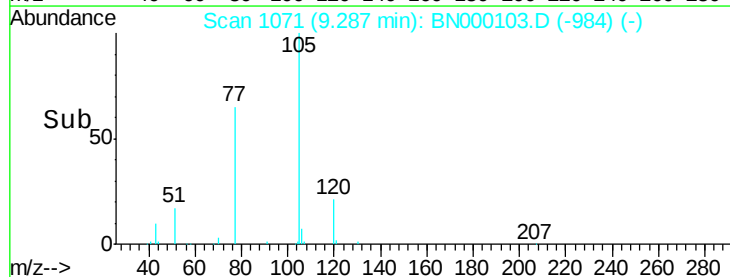
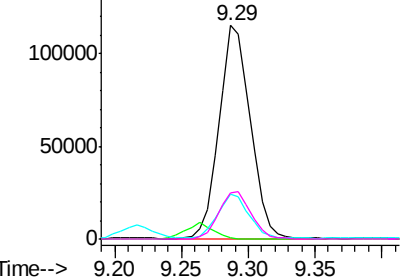


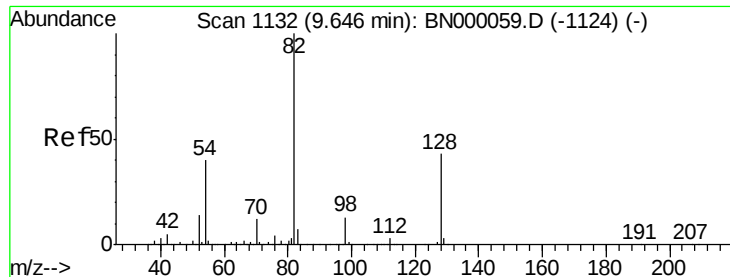
#22
Acetophenone
Concen: 4.15 ng
RT: 9.29 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt	Ion:105	Resp:	189660
Ion	Ratio	Lower	Upper
105	100		
71	0.6	3.0	4.4#
51	20.8	26.1	39.1#
120	21.9	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BNC
Ion 51.00 (50.70 to 51.70): BNC
Ion 120.00 (119.70 to 120.70): E

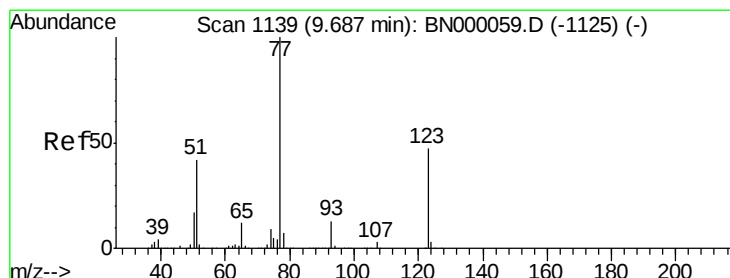
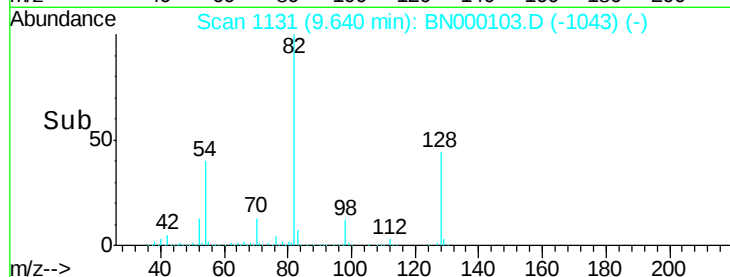
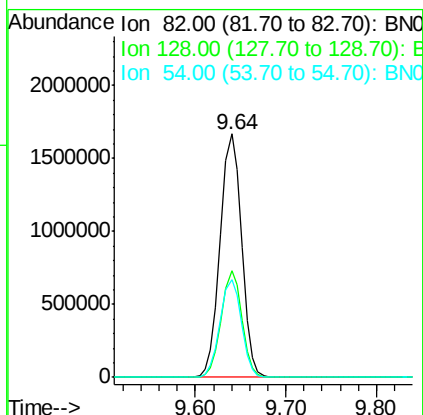
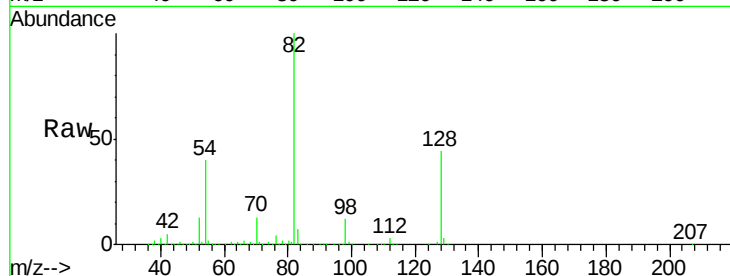




#23
 Nitrobenzene-d5
 Concen: 99.72 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

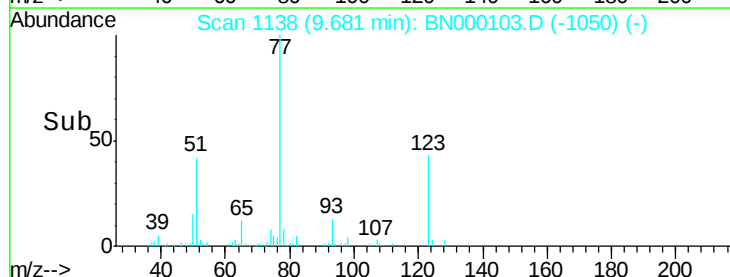
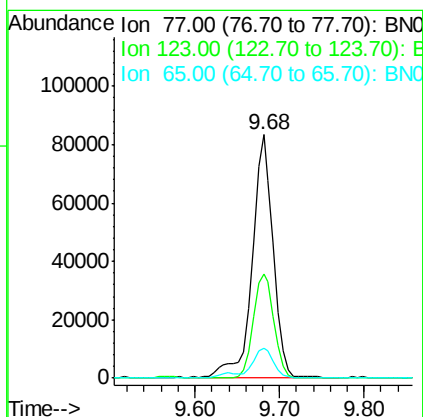
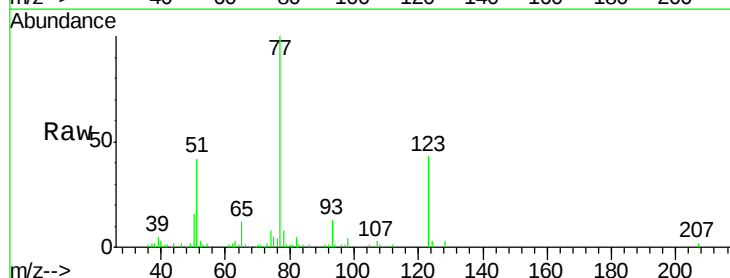
Instrument :
 BNA_N
 ClientSampleId :

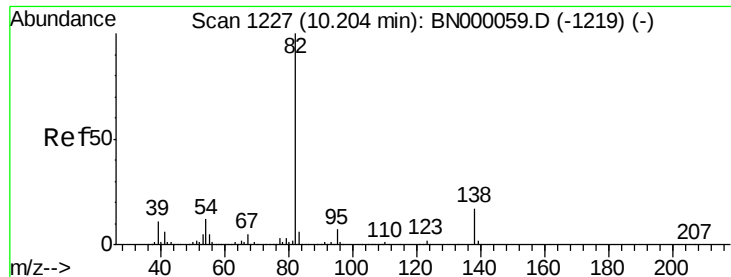
Tot Ion: 82 Resp: 2735172
 Ion Ratio Lower Upper
 82 100
 128 43.6 29.7 44.5
 54 40.3 43.1 64.7#



#24
 Nitrobenzene
 Concen: 4.88 ng
 RT: 9.68 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

Tgt Ion: 77 Resp: 146477
 Ion Ratio Lower Upper
 77 100
 123 42.9 33.0 49.6
 65 12.5 13.0 19.6#





#25

Isophorone

Concen: 3.60 ng

RT: 10.20 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

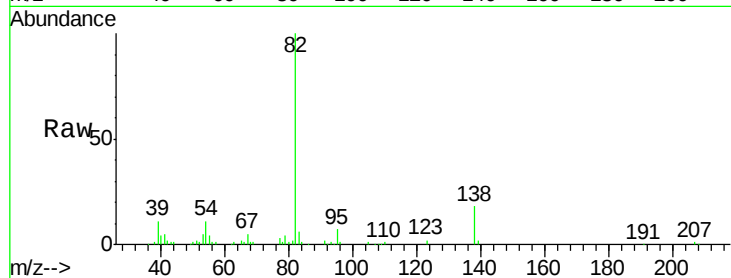
Tot Ion: 82 Resp: 204003

Ion Ratio Lower Upper

82 100

95 6.6 6.2 9.2

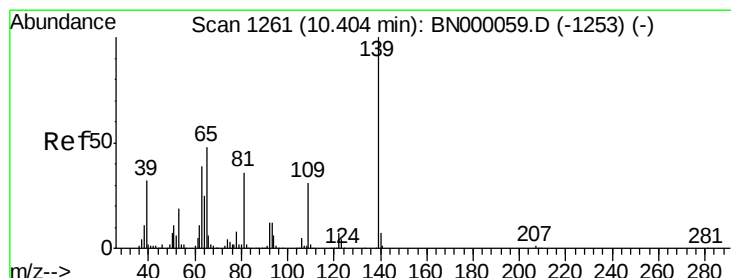
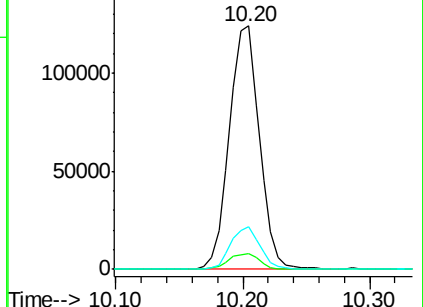
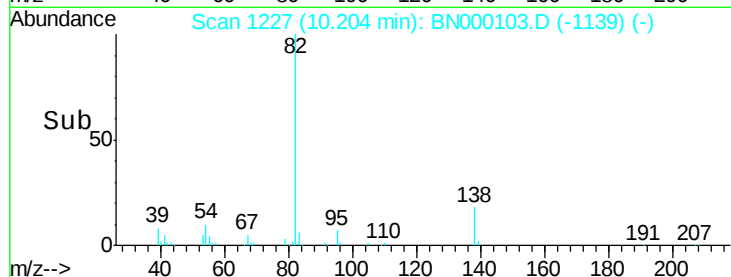
138 17.6 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN000103.D (-1139) (-)

Ion 95.00 (94.70 to 95.70): BN000103.D (-1139) (-)

Ion 138.00 (137.70 to 138.70): BN000103.D (-1139) (-)



#26

2-Nitrophenol

Concen: 9.47 ng

RT: 10.40 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

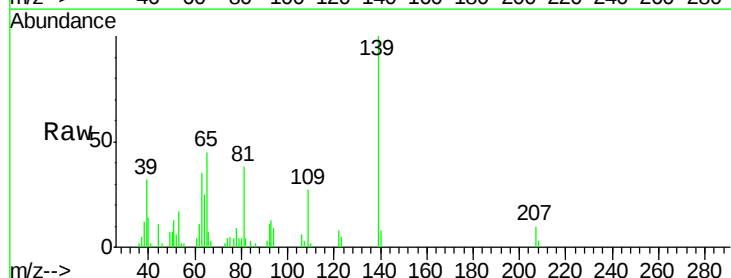
Tgt Ion: 139 Resp: 32966

Ion Ratio Lower Upper

139 100

109 26.6 24.2 36.2

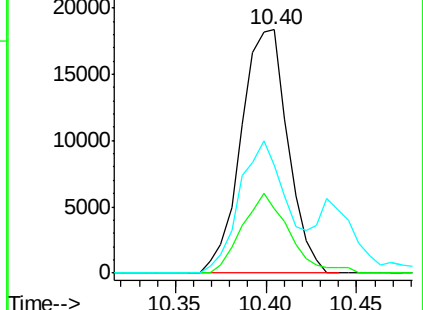
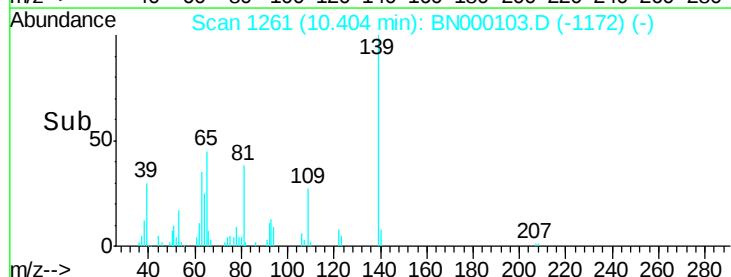
65 44.6 47.4 71.0#

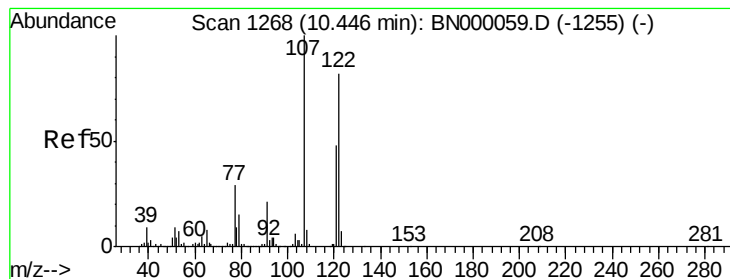


Abundance Ion 139.00 (138.70 to 139.70): BN000103.D (-1172) (-)

Ion 109.00 (108.70 to 109.70): BN000103.D (-1172) (-)

Ion 65.00 (64.70 to 65.70): BN000103.D (-1172) (-)





#27

2,4-Dimethylphenol

Concen: 3.53 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

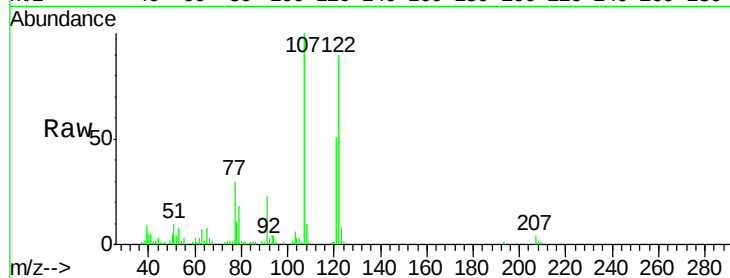
Tot Ion:122 Resp: 86690

Ion Ratio Lower Upper

122 100

107 111.5 100.2 150.2

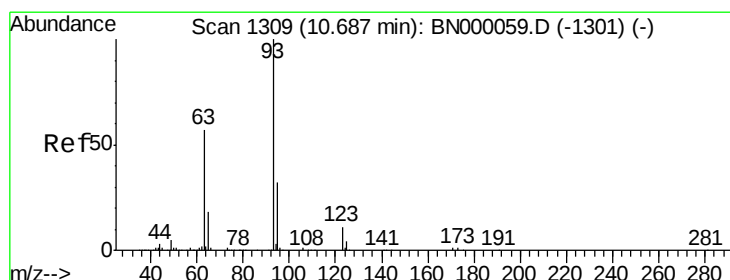
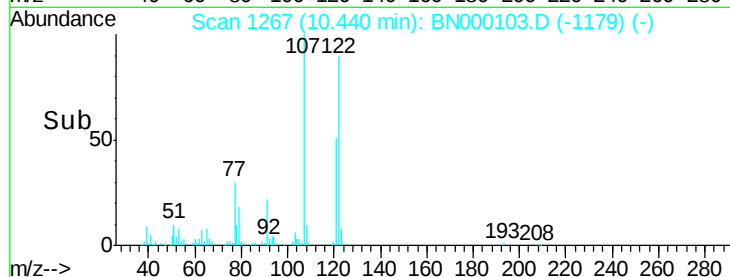
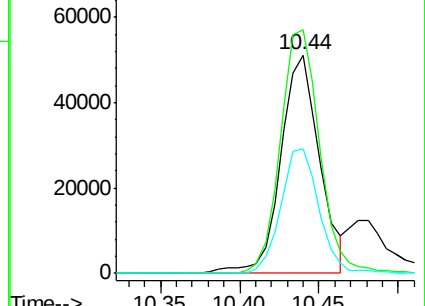
121 56.8 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 4.14 ng

RT: 10.68 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

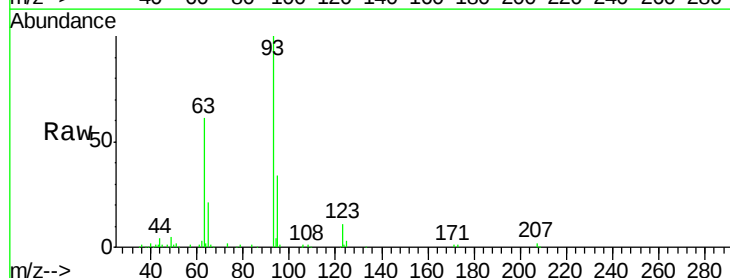
Tgt Ion: 93 Resp: 150436

Ion Ratio Lower Upper

93 100

95 33.6 24.3 36.5

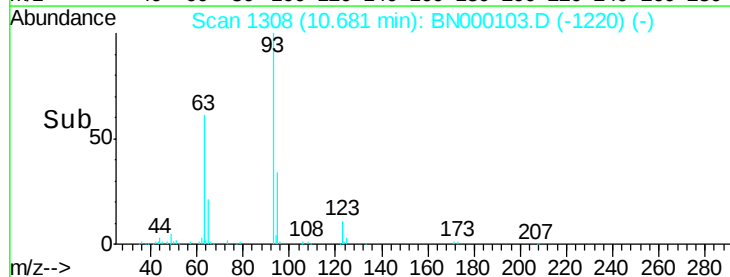
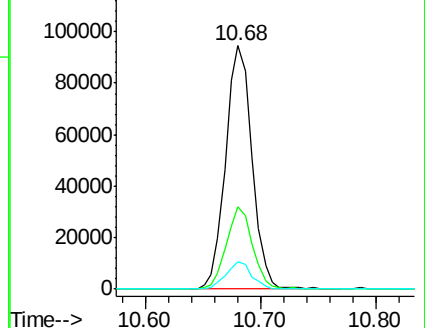
123 11.3 8.4 12.6

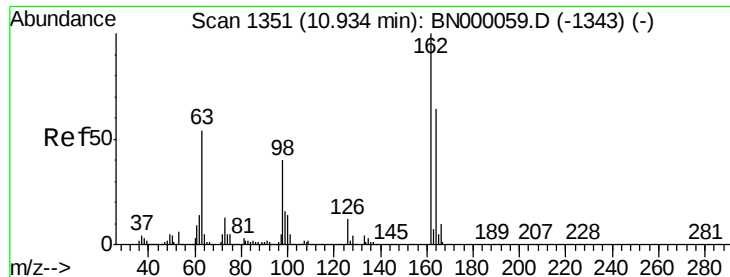


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

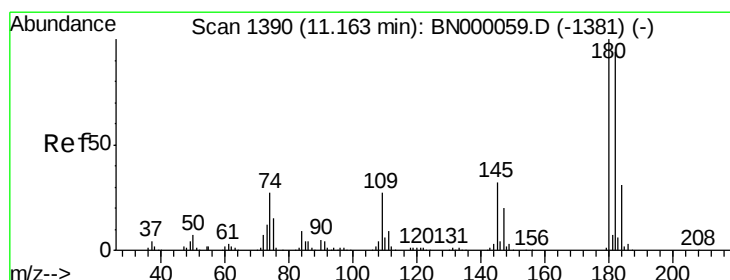
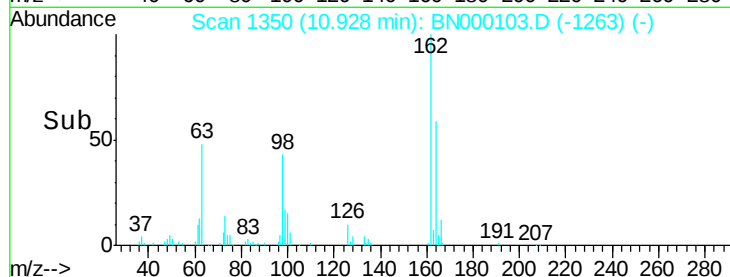
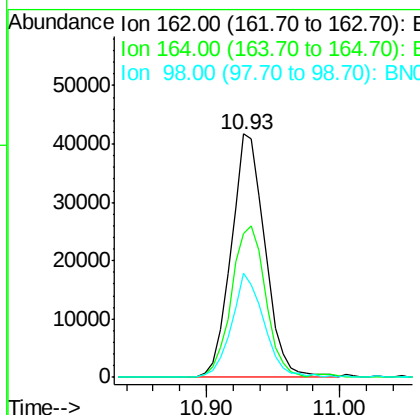
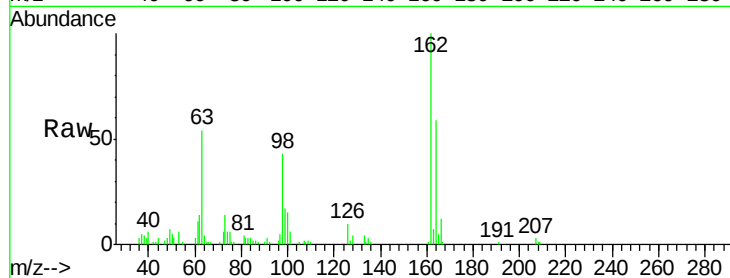




#29
 2,4-Dichlorophenol
 Concen: 3.23 ng
 RT: 10.93 min Scan# 1350
 Delta R.T. -0.02 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

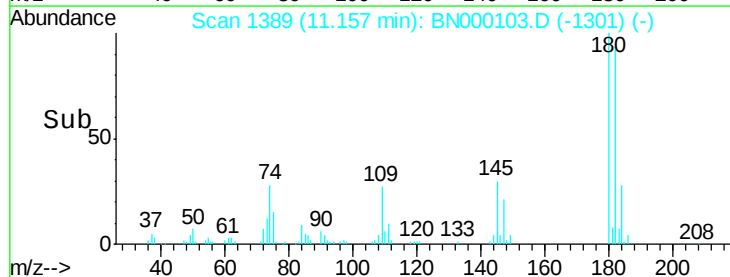
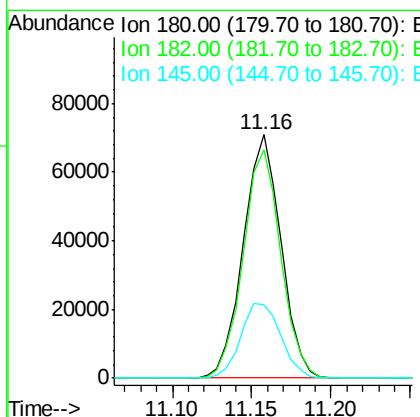
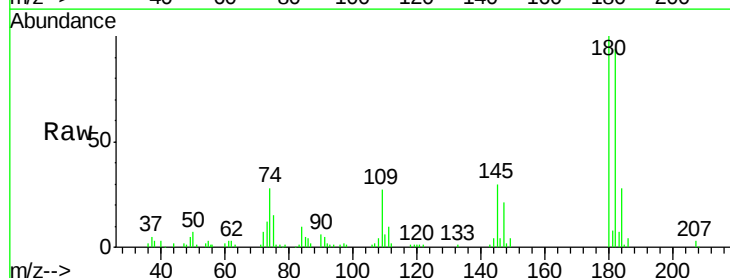
Instrument :
 BNA_N
 ClientSampled :

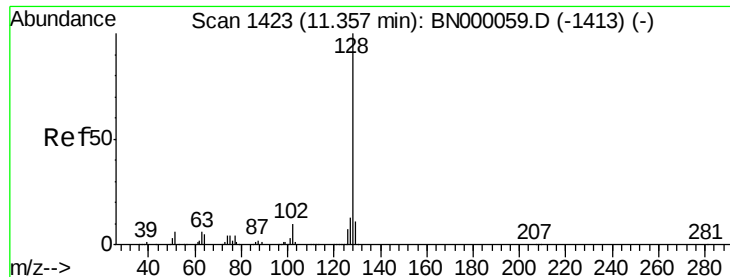
Tot Ion	162	Resp	73515
Ion Ratio	Lower	Upper	
162	100		
164	58.9	48.0	88.0
98	42.8	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 4.48 ng
 RT: 11.16 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

Tgt Ion	180	Resp	117296
Ion Ratio	Lower	Upper	
180	100		
182	93.7	77.5	116.3
145	30.3	23.4	35.2

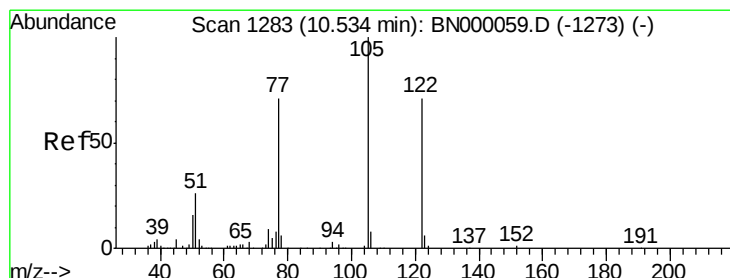
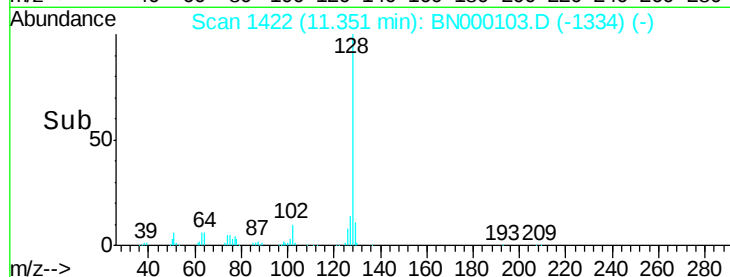
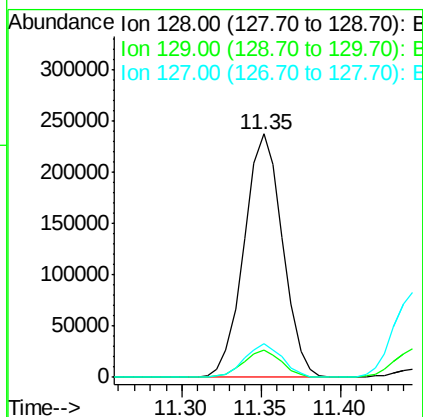
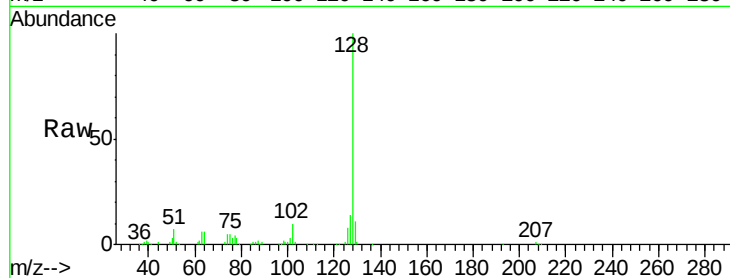




#31
Naphthalene
Concen: 4.47 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

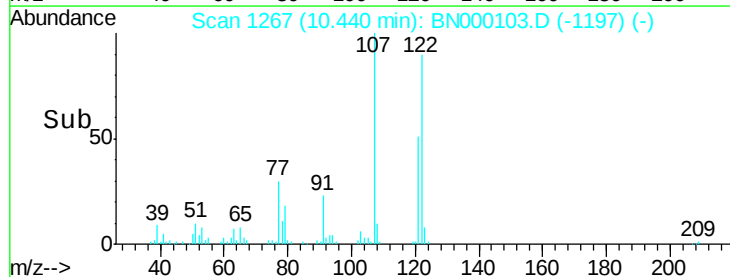
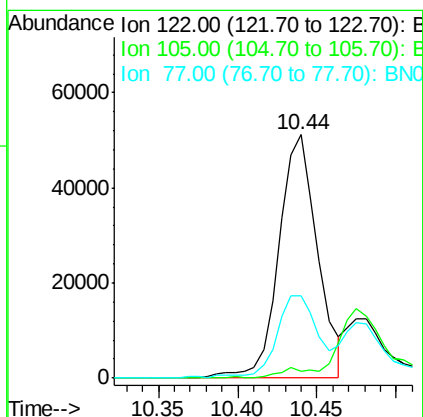
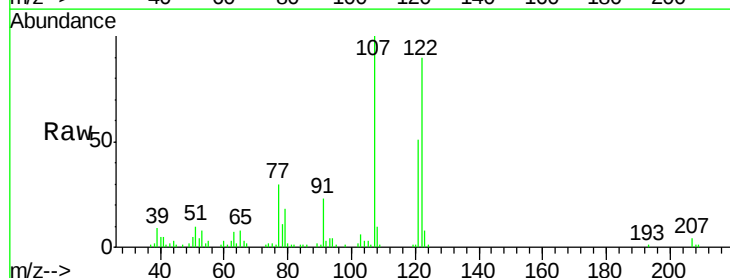
Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 399525
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.6 11.6 17.4



#32
Benzoic acid
Concen: 14.25 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.12 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion:122 Resp: 86690
Ion Ratio Lower Upper
122 100
105 3.0 123.5 163.5#
77 34.0 85.7 125.7#

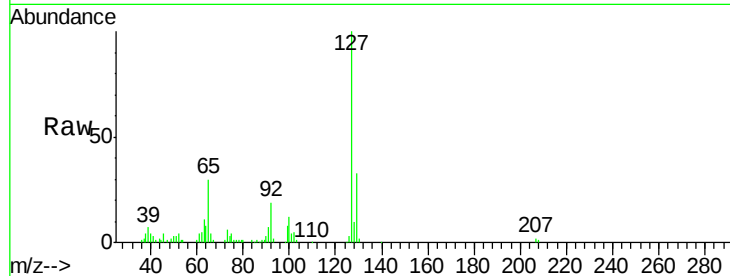




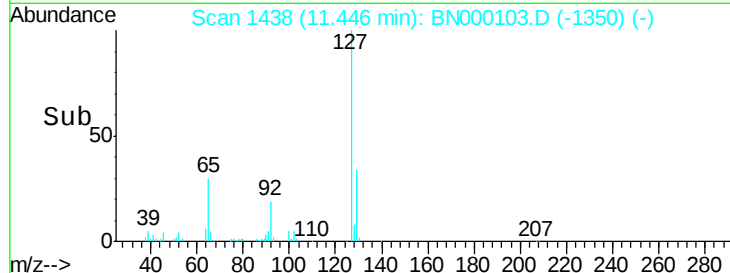
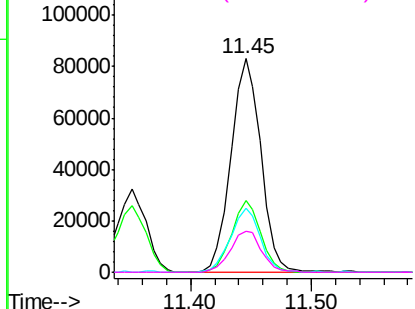
#33
4-Chloroaniline
Concen: 3.65 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	143480
Ion	Ratio	Lower	Upper
127	100		
129	33.3	24.0	36.0
65	30.2	27.0	40.4
92	19.0	16.6	25.0

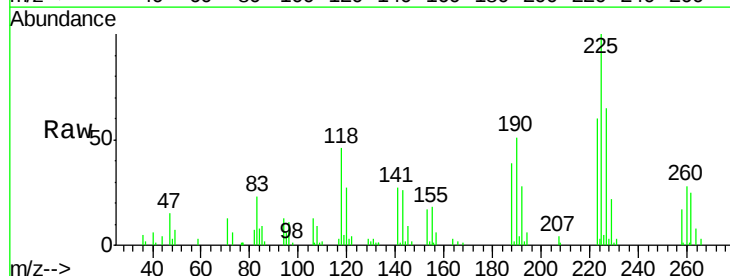


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

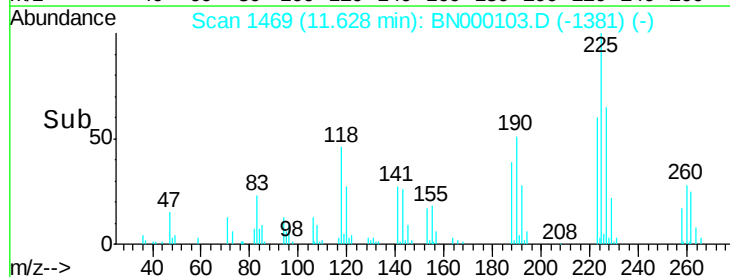
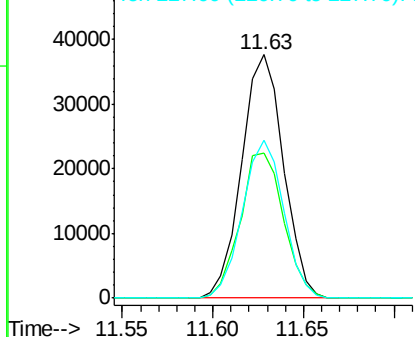


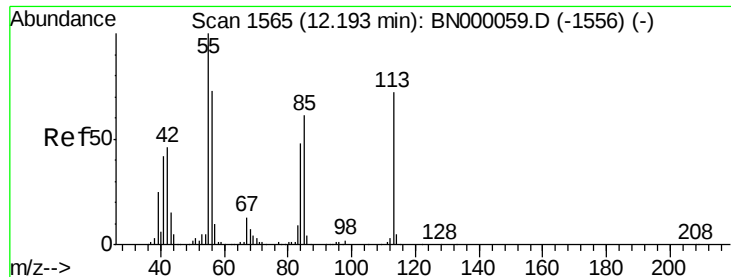
#34
Hexachlorobutadiene
Concen: 4.44 ng
RT: 11.63 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion:	225	Resp:	60382
Ion	Ratio	Lower	Upper
225	100		
223	59.8	49.7	74.5
227	64.8	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 6.13 ng

RT: 12.16 min Scan# 1560

Delta R.T. -0.04 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

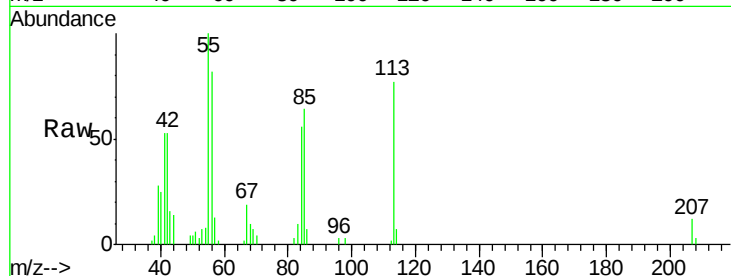
Tot Ion:113 Resp: 22904

Ion Ratio Lower Upper

113 100

55 129.3 120.0 160.0

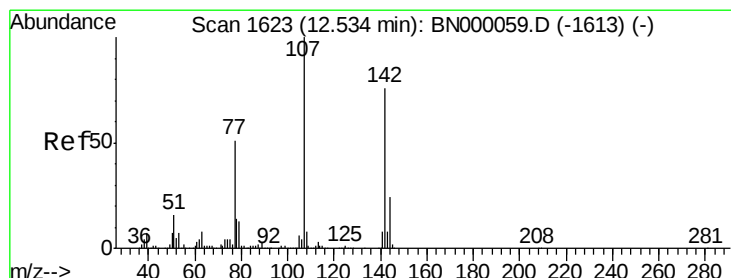
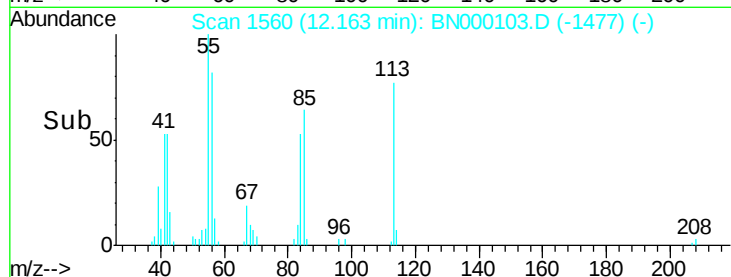
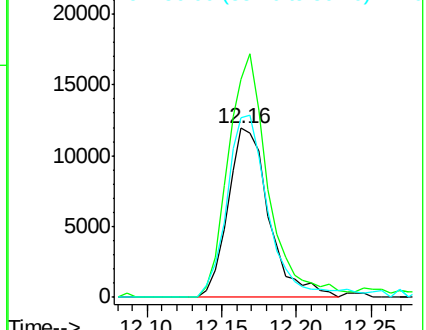
56 105.9 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC



#36

4-Chloro-3-methylphenol

Concen: 3.19 ng

RT: 12.53 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

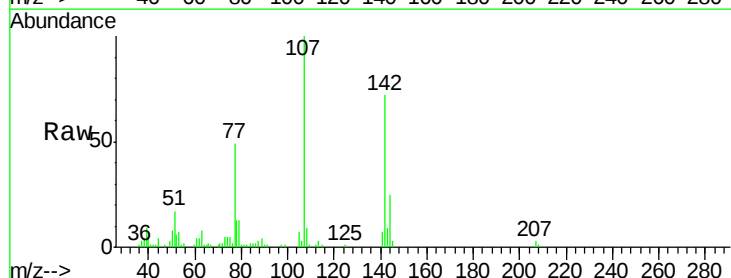
Tgt Ion:107 Resp: 92210

Ion Ratio Lower Upper

107 100

144 24.7 18.2 27.4

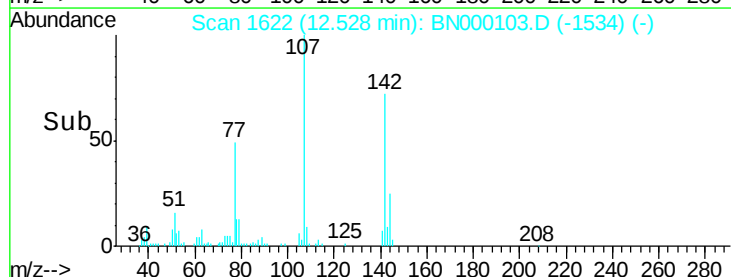
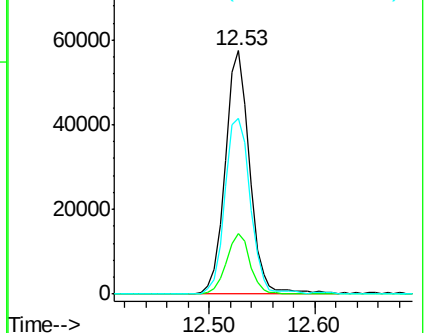
142 72.2 59.0 88.4

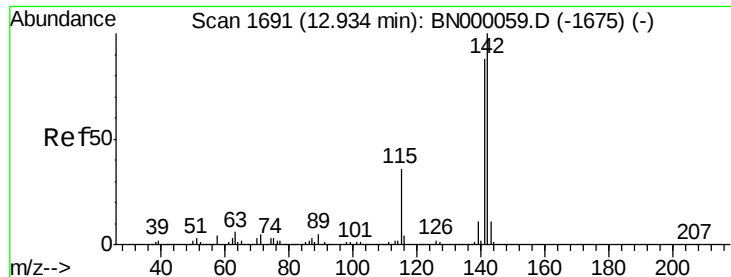


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

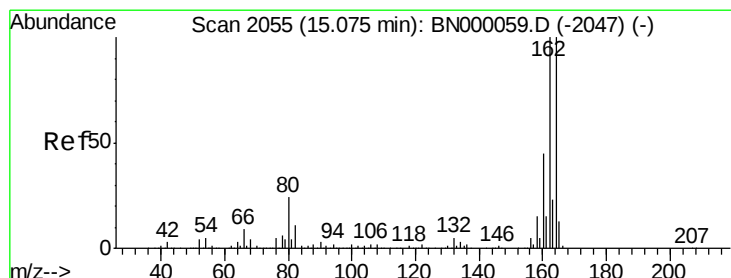
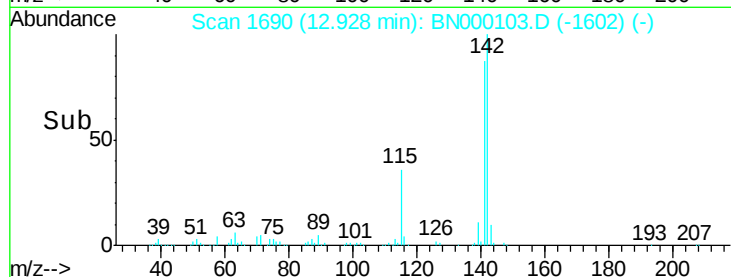
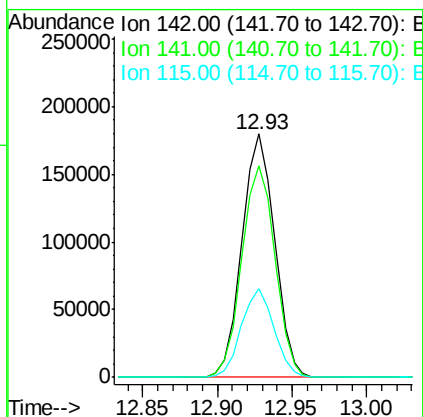
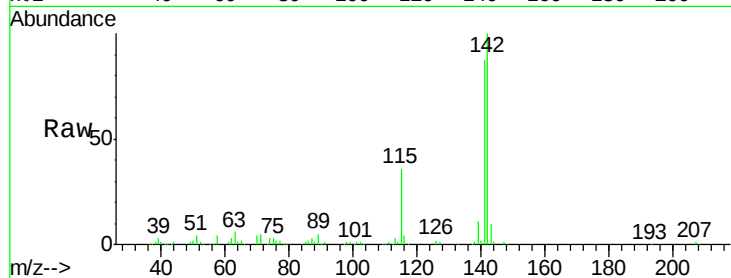




#37
2-Methylnaphthalene
Concen: 4.38 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

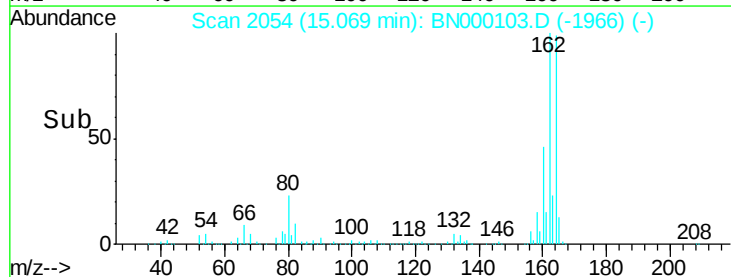
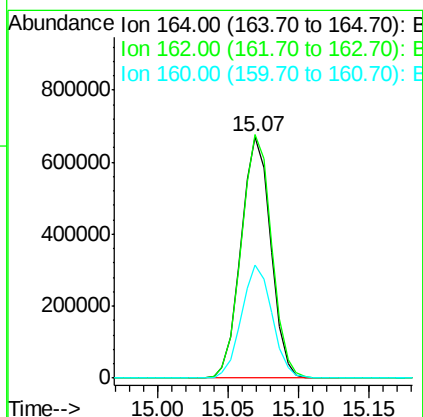
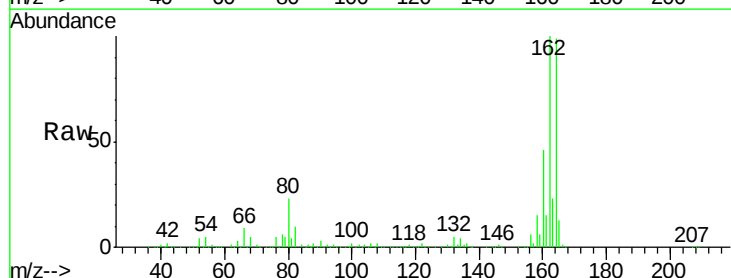
Instrument :
BNA_N
ClientSampleId :

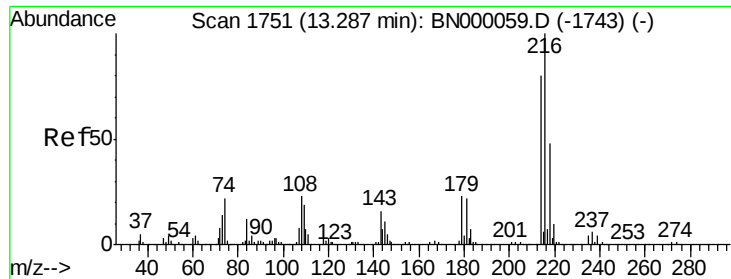
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	67.1	100.7
115	36.4	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	46.9	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.46 ng

RT: 13.28 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BN000103.D

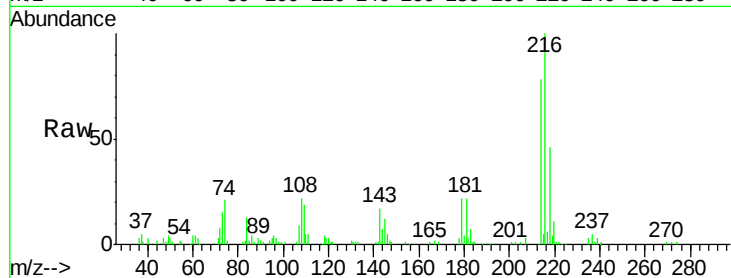
Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	216	Resp:	130216
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	22.3	17.0	25.6
108	23.2	12.8	19.2#

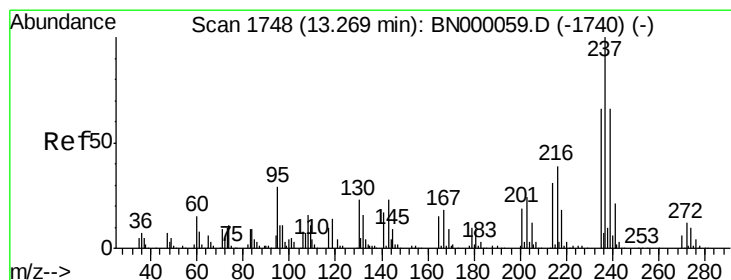
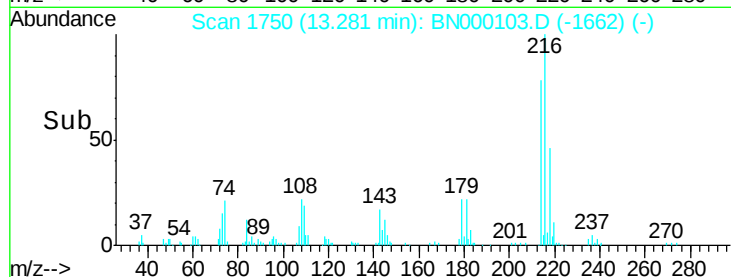
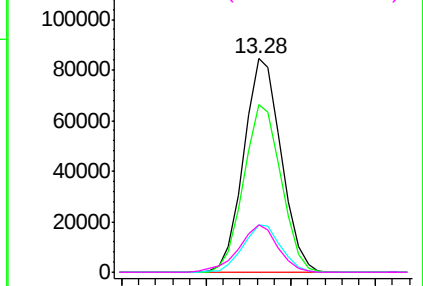


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 3.41 ng

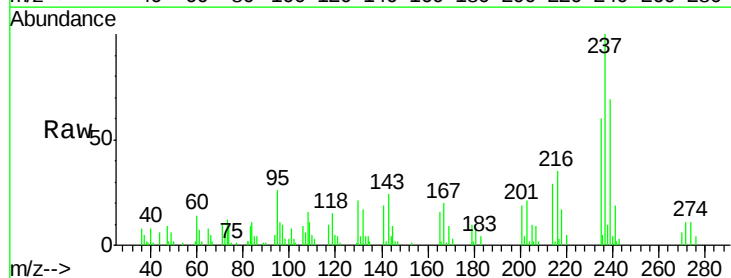
RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

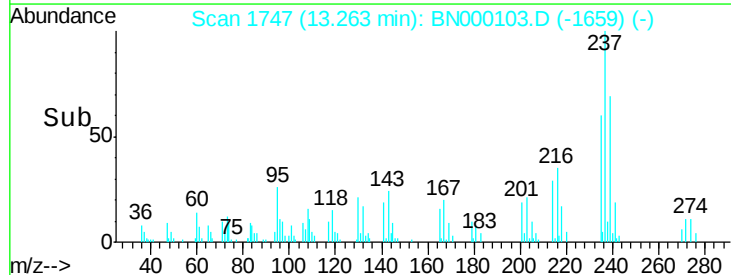
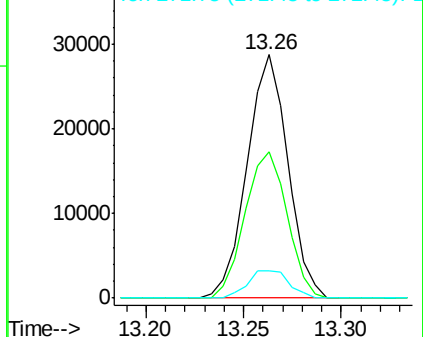
Tgt Ion:	237	Resp:	41547
Ion	Ratio	Lower	Upper
237	100		
235	60.3	50.4	90.4
272	11.1	0.0	31.8

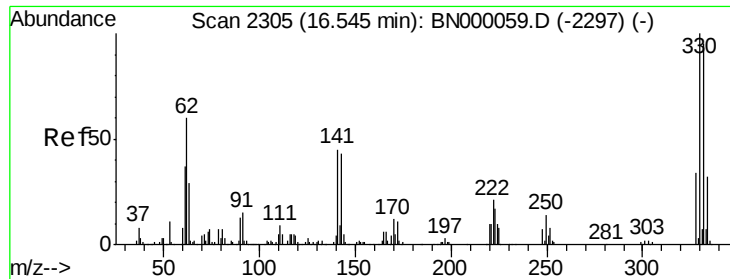


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

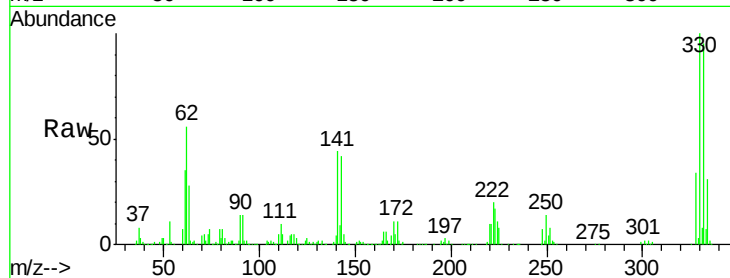




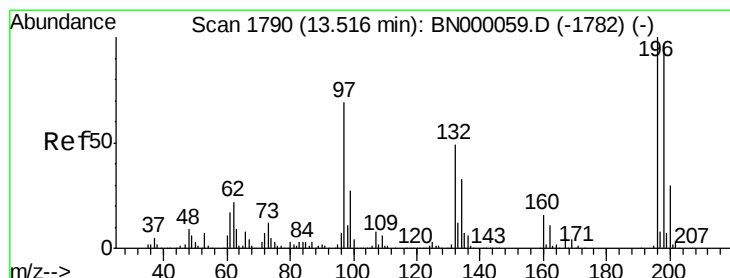
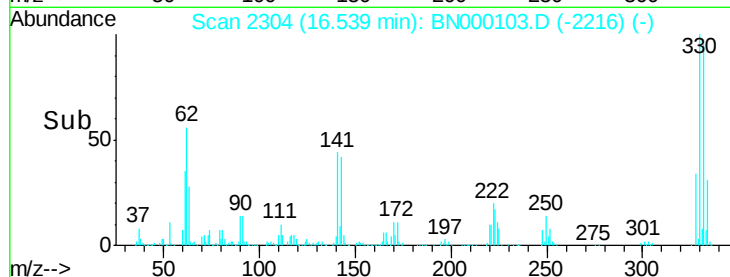
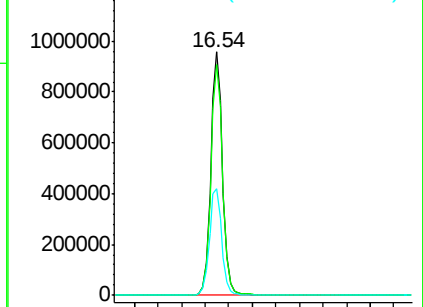
#41
 2,4,6-Tribromophenol
 Concen: 135.08 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 1322517
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 46.7 25.2 37.8#

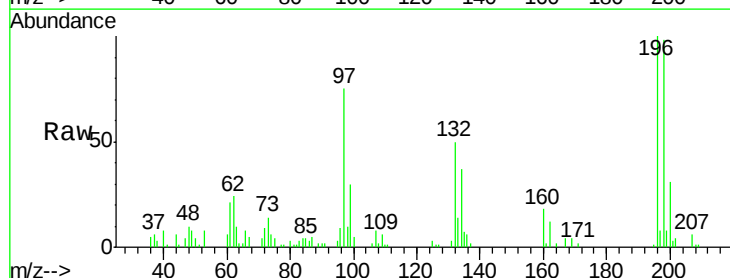


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

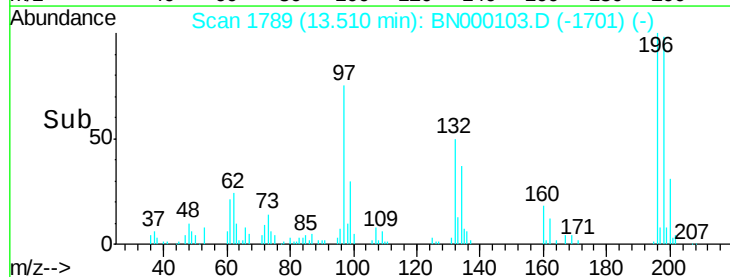
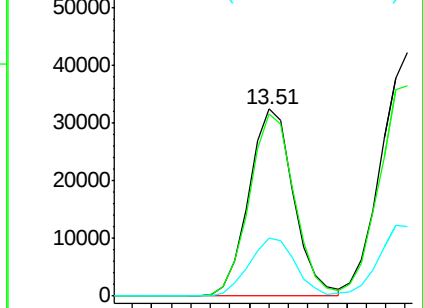


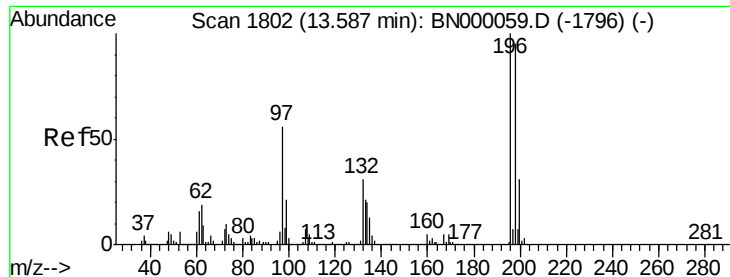
#42
 2,4,6-Trichlorophenol
 Concen: 2.95 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

Tgt Ion:196 Resp: 51638
 Ion Ratio Lower Upper
 196 100
 198 97.6 78.2 117.2
 200 30.8 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

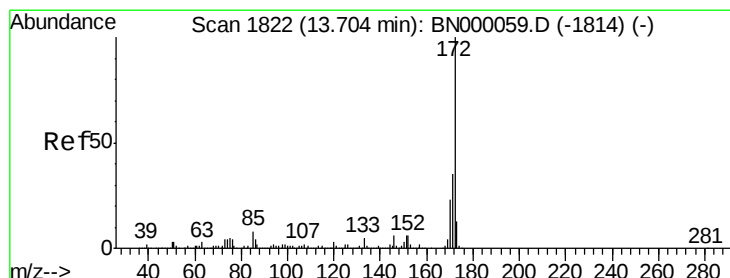
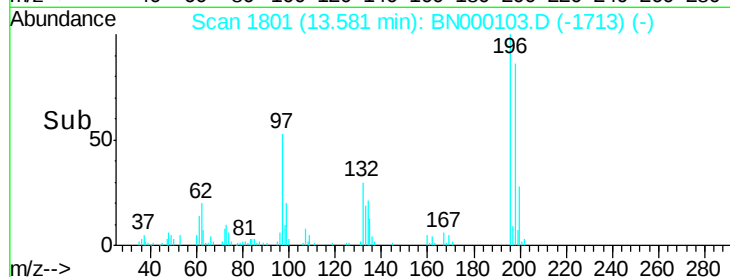
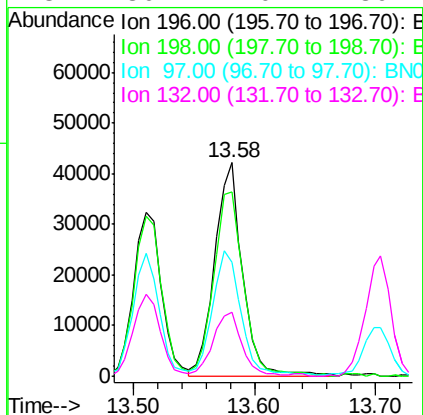
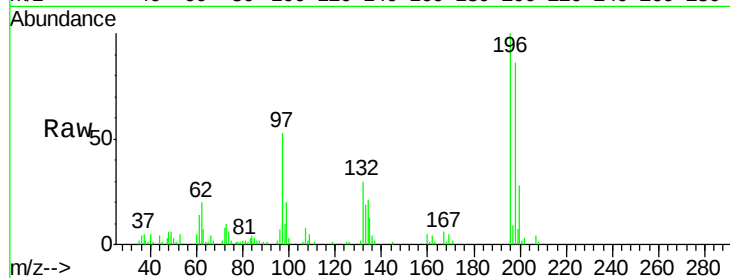




#43
2,4,5-Trichlorophenol
Concen: 3.20 ng
RT: 13.58 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

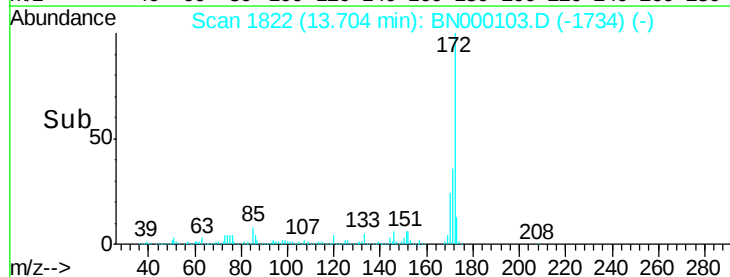
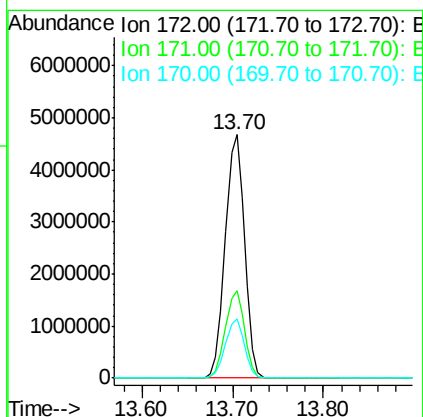
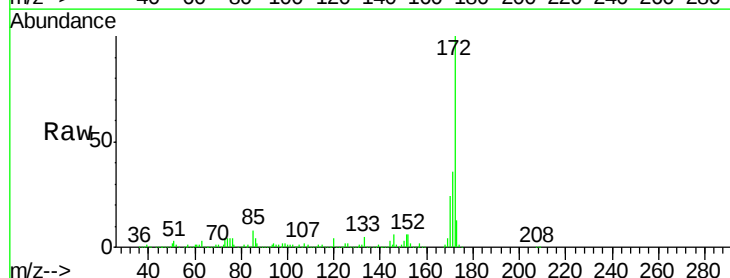
Instrument :
BNA_N
ClientSampleId :

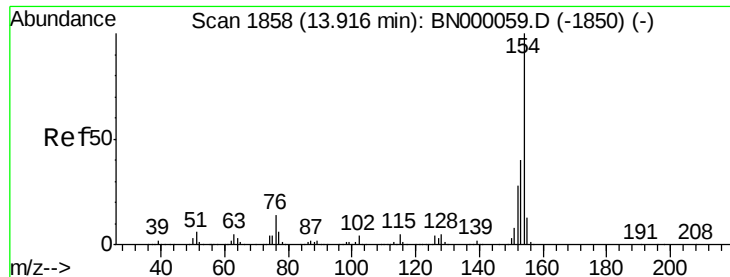
Tot Ion:196 Resp: 67272
Ion Ratio Lower Upper
196 100
198 86.2 76.2 114.4
97 53.4 38.7 58.1
132 30.1 20.2 30.2



#44
2-Fluorobiphenyl
Concen: 98.39 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion:172 Resp: 6905159
Ion Ratio Lower Upper
172 100
171 35.9 30.0 45.0
170 24.2 19.5 29.3





#45

1,1'-Biphenyl

Concen: 4.70 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

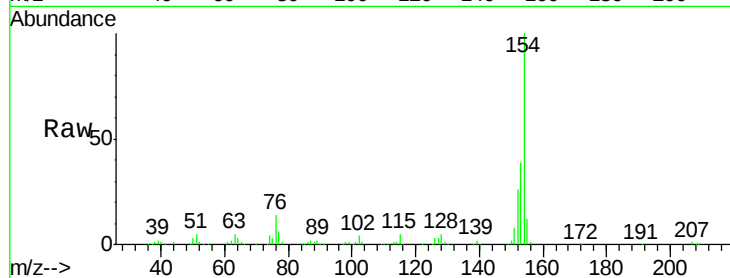
Tot Ion:154 Resp: 409609

Ion Ratio Lower Upper

154 100

153 39.2 19.8 59.8

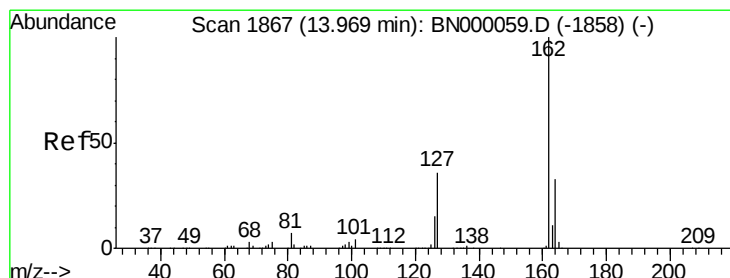
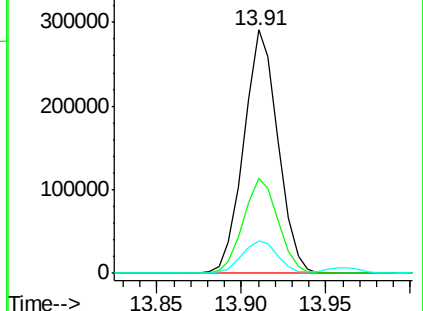
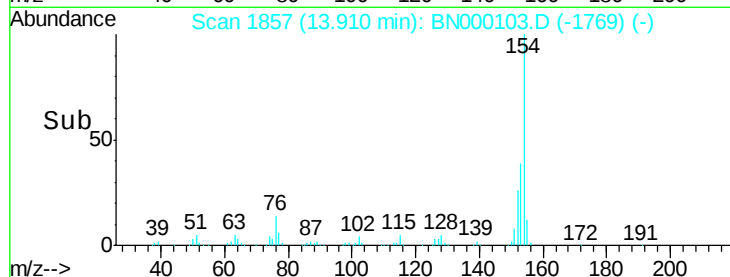
76 13.5 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 4.43 ng

RT: 13.96 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

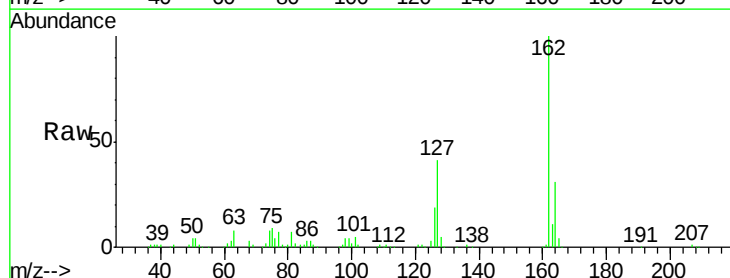
Tgt Ion:162 Resp: 289446

Ion Ratio Lower Upper

162 100

127 41.3 30.7 46.1

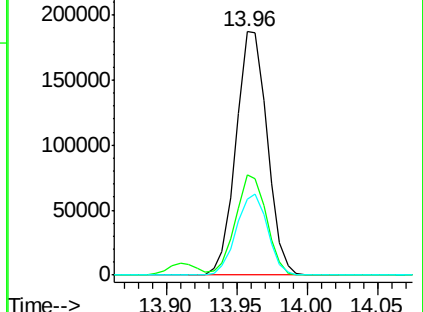
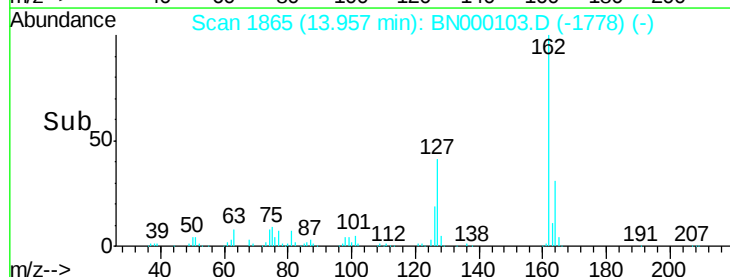
164 31.3 26.0 39.0

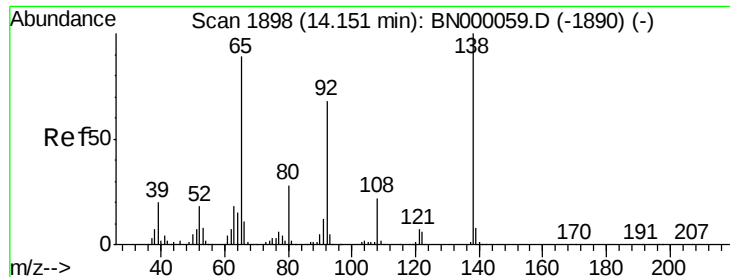


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 7.05 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

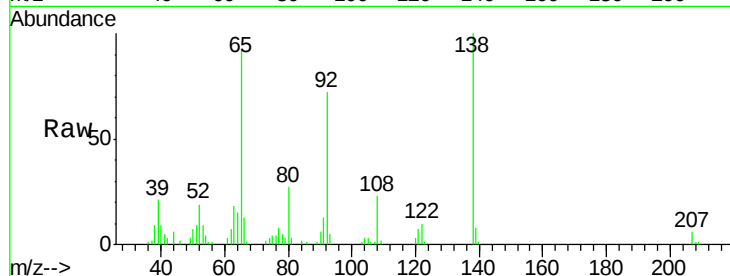
Tot Ion: 65 Resp: 46281

Ion Ratio Lower Upper

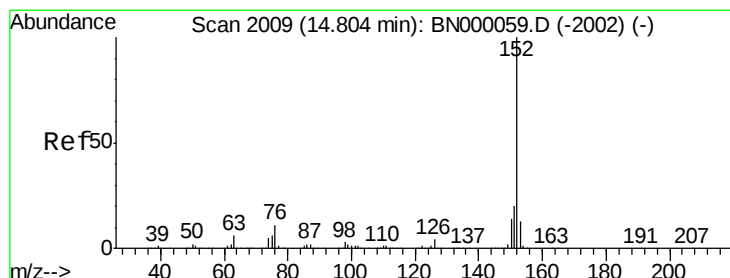
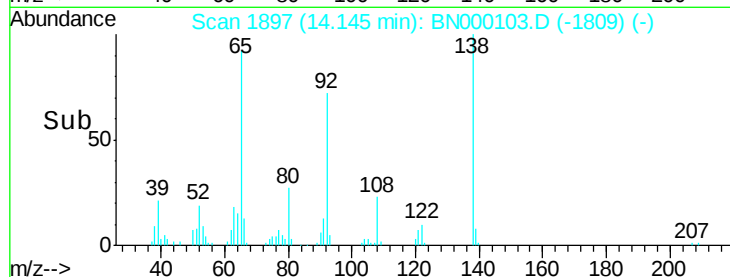
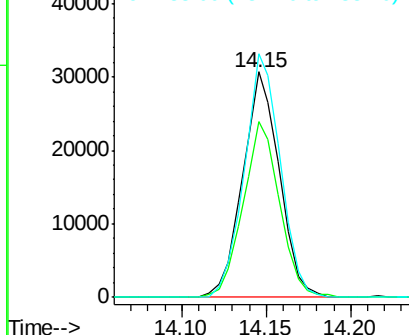
65 100

92 77.9 54.6 82.0

138 108.2 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BN0
Ion 92.00 (91.70 to 92.70): BN0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 4.06 ng

RT: 14.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

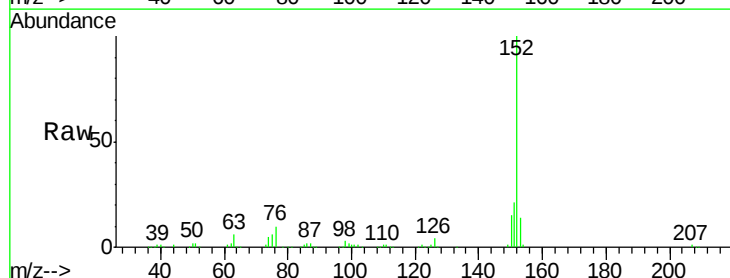
Tgt Ion: 152 Resp: 427466

Ion Ratio Lower Upper

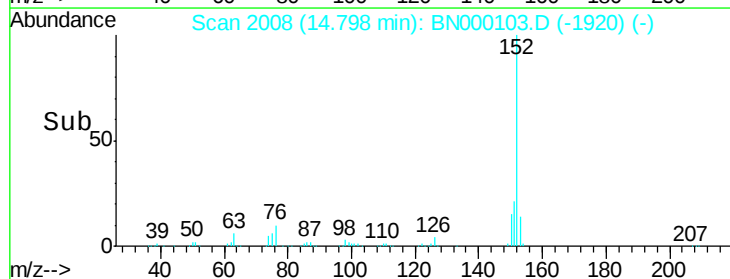
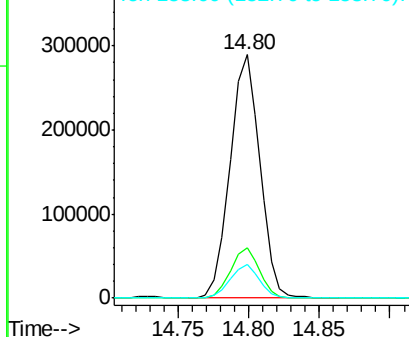
152 100

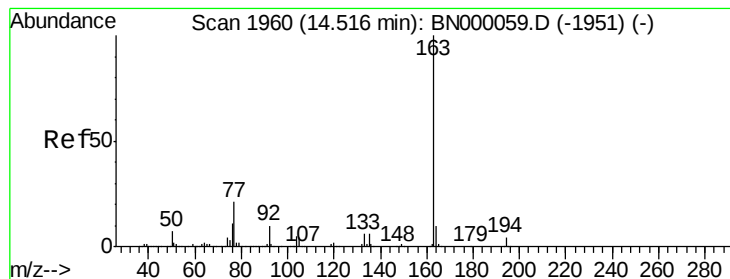
151 20.8 17.2 25.8

153 13.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 4.16 ng

RT: 14.50 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

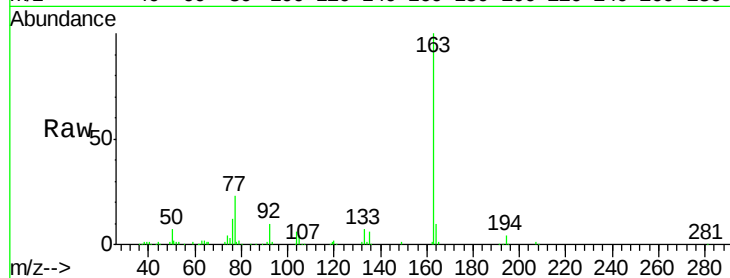
Tot Ion:163 Resp: 343680

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.2

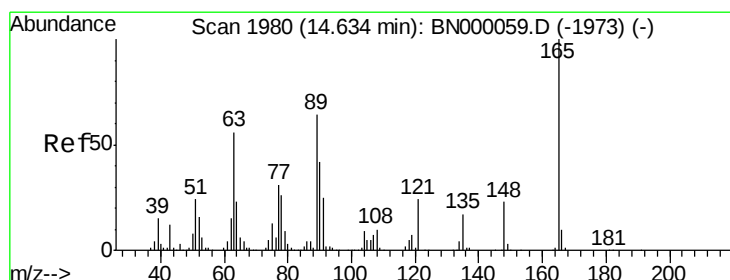
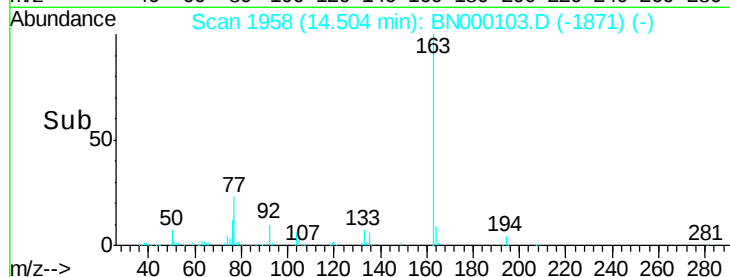
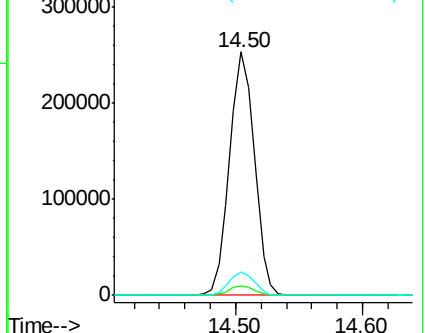
164 9.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 3.07 ng

RT: 14.63 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

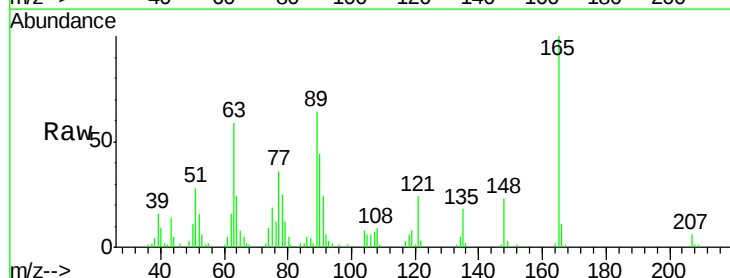
Tgt Ion:165 Resp: 52394

Ion Ratio Lower Upper

165 100

63 59.4 52.7 79.1

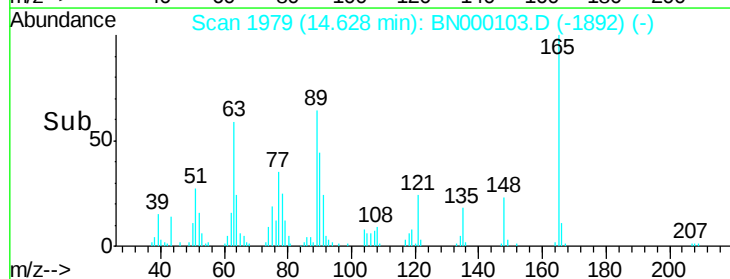
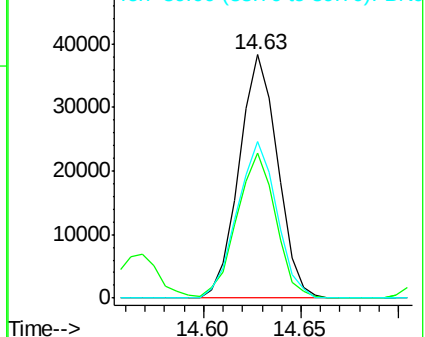
89 64.5 49.2 73.8

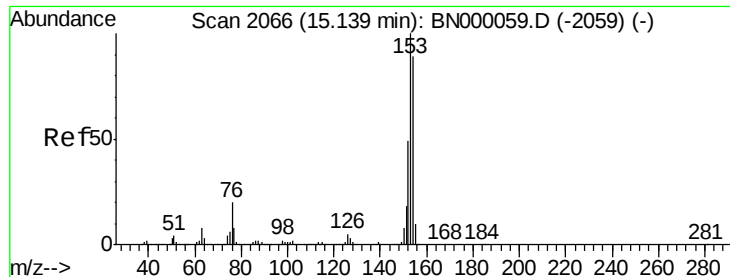


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 4.44 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

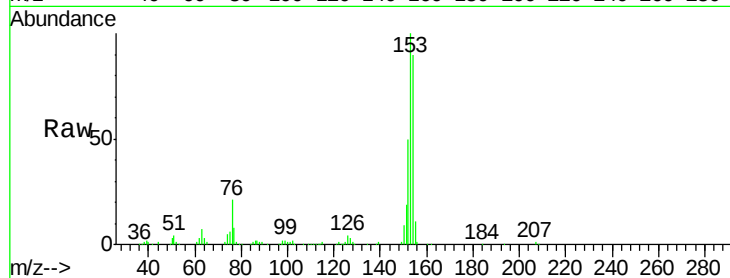
Tot Ion:154 Resp: 304240

Ion Ratio Lower Upper

154 100

153 111.3 90.4 135.6

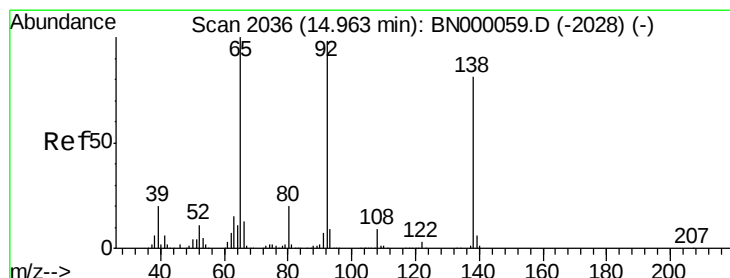
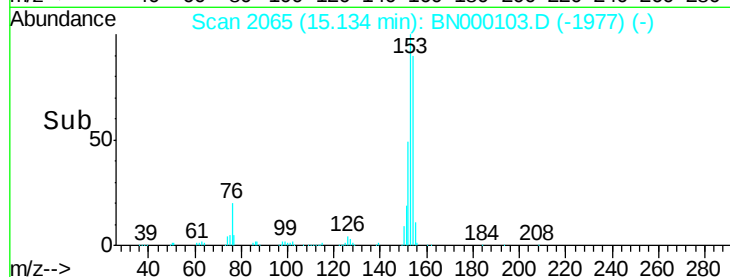
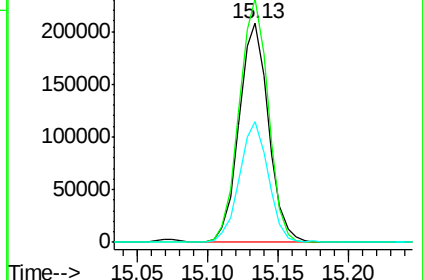
152 55.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.92 ng

RT: 14.96 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

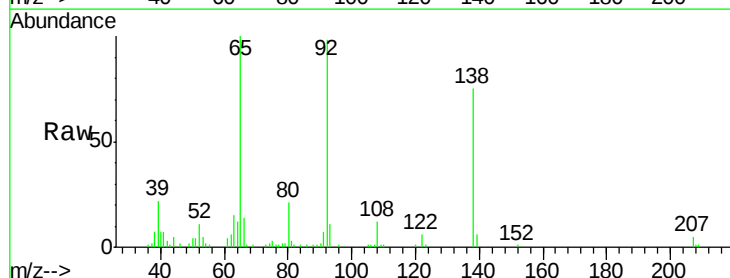
Tgt Ion:138 Resp: 60484

Ion Ratio Lower Upper

138 100

108 15.7 17.5 26.3#

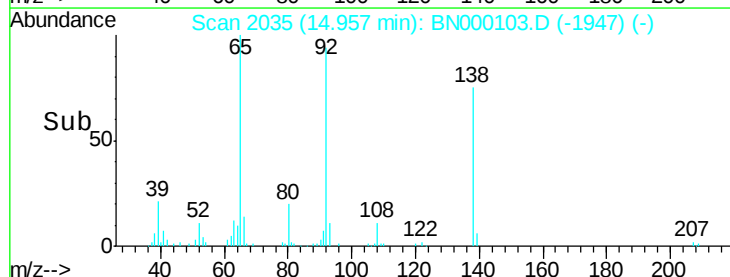
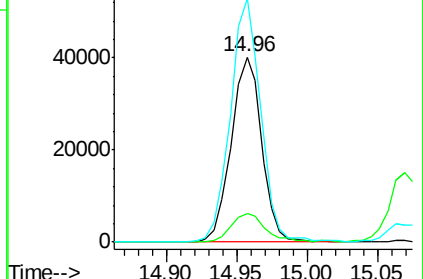
92 131.3 105.8 158.8

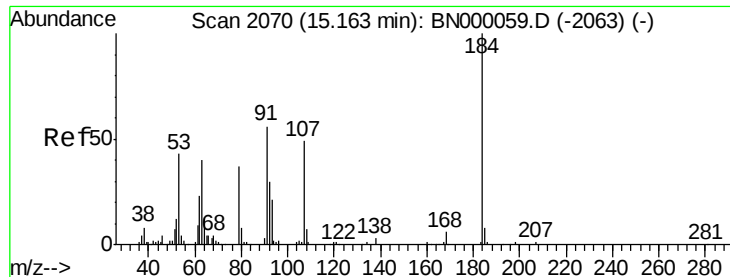


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

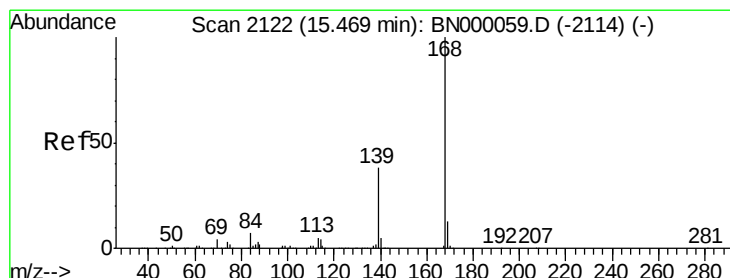
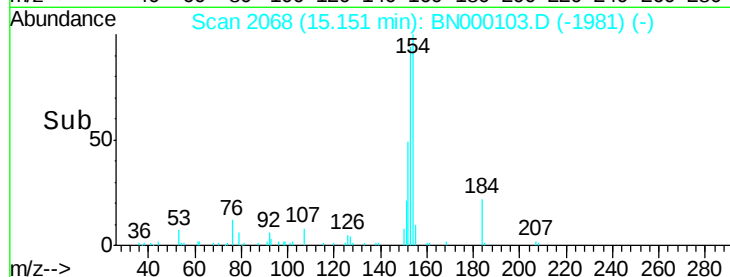
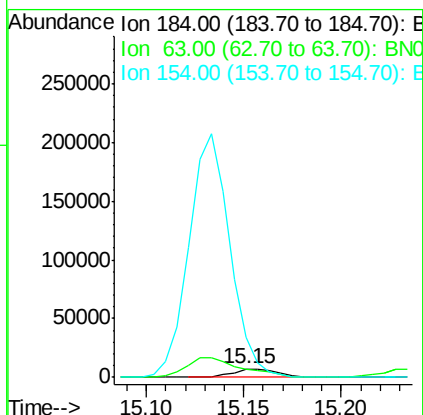
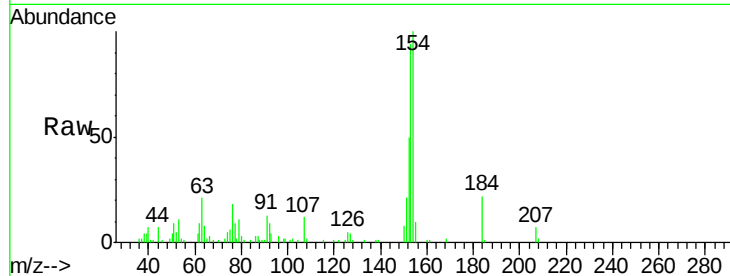




#53
2,4-Dinitrophenol
Concen: 10.93 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.02 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

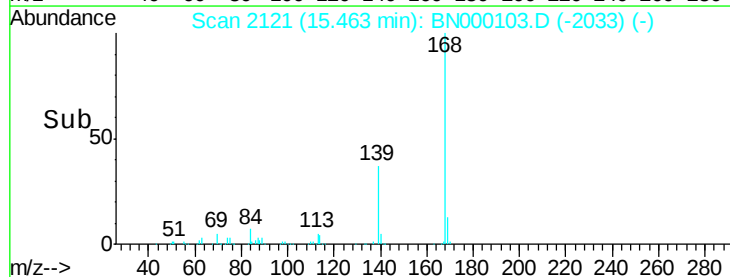
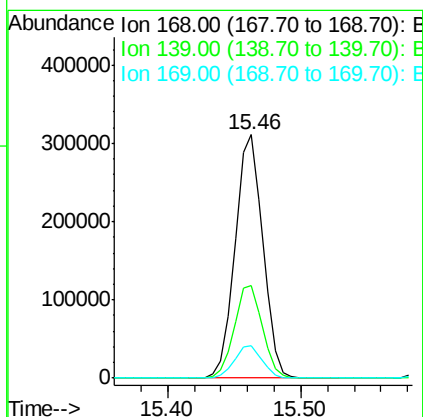
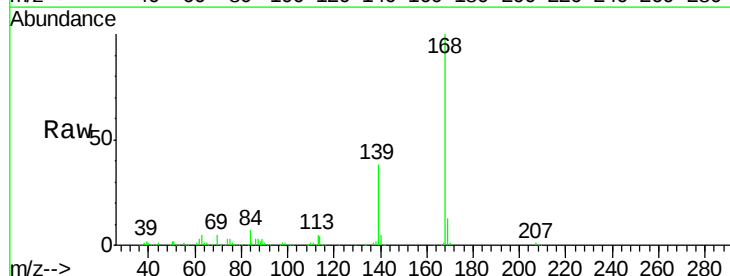
Instrument :
BNA_N
ClientSampled :

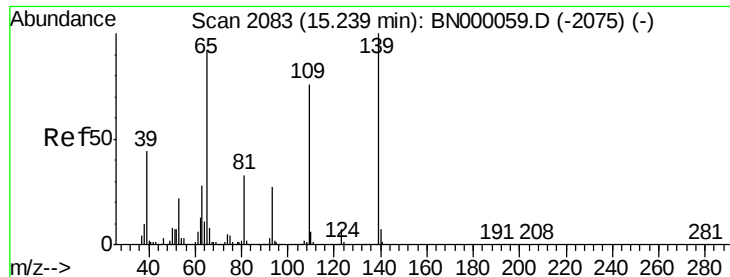
Tot Ion:184 Resp: 11672
Ion Ratio Lower Upper
184 100
63 95.1 80.0 120.0
154 457.0 308.0 462.0



#54
Dibenzofuran
Concen: 4.61 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion:168 Resp: 447130
Ion Ratio Lower Upper
168 100
139 37.9 28.6 43.0
169 13.3 11.2 16.8

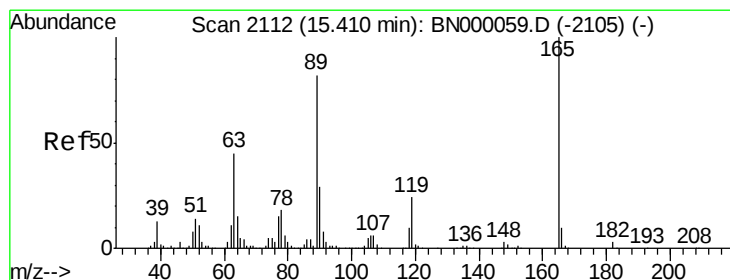
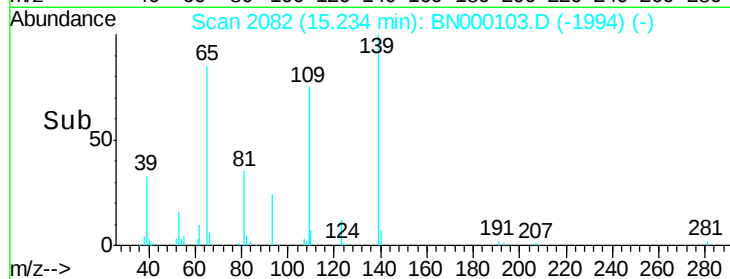
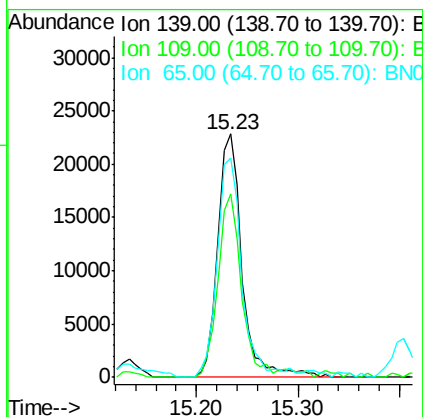
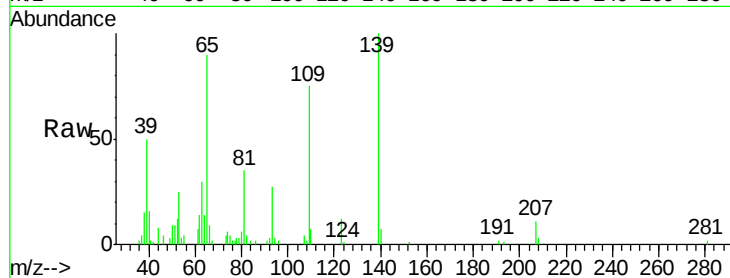




#55
4-Nitrophenol
Concen: 7.07 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

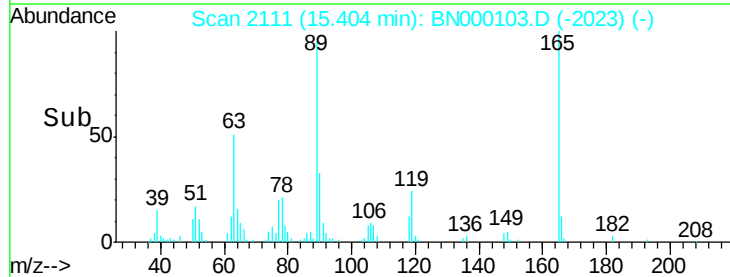
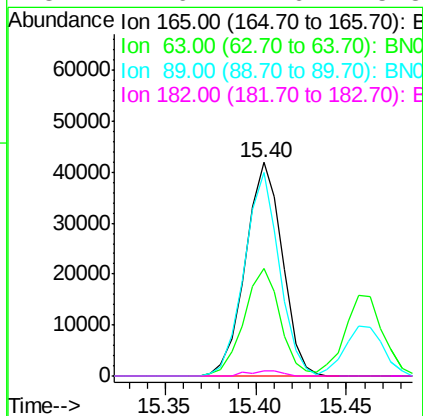
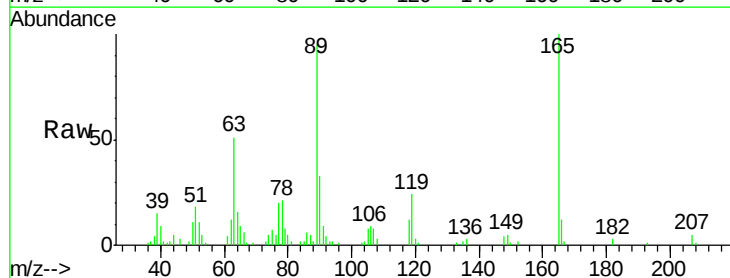
Instrument :
BNA_N
ClientSampleId :

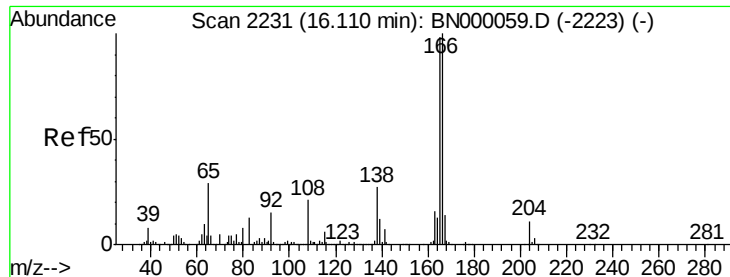
Tot Ion:139 Resp: 37999
Ion Ratio Lower Upper
139 100
109 75.3 62.2 102.2
65 90.3 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 15.40 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion:165 Resp: 59116
Ion Ratio Lower Upper
165 100
63 50.6 42.0 63.0
89 95.4 66.9 100.3
182 2.6 2.6 3.8

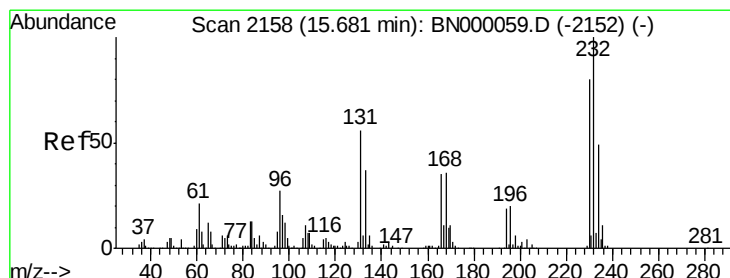
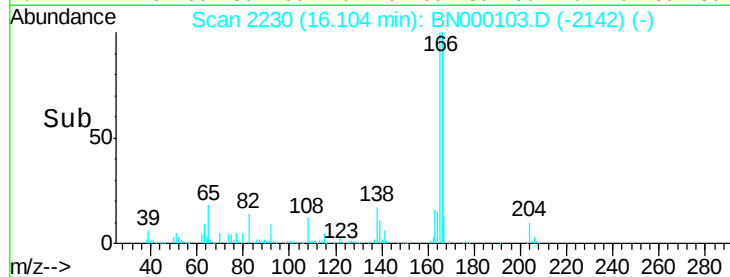
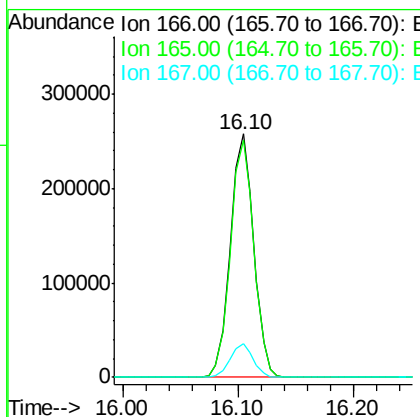
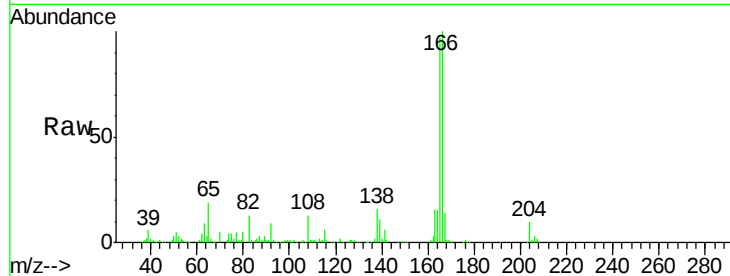




#57
 Fluorene
 Concen: 4.54 ng
 RT: 16.10 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

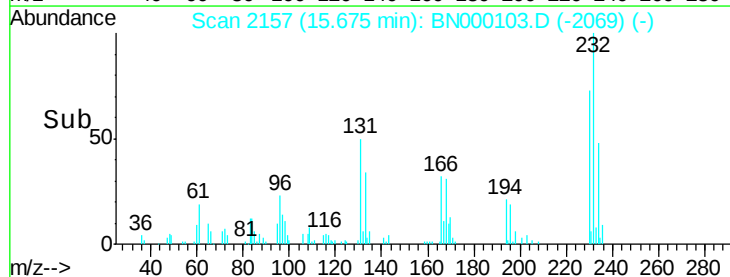
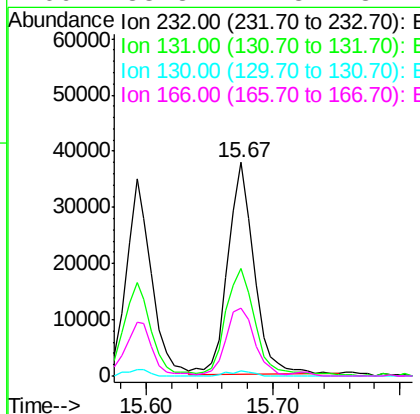
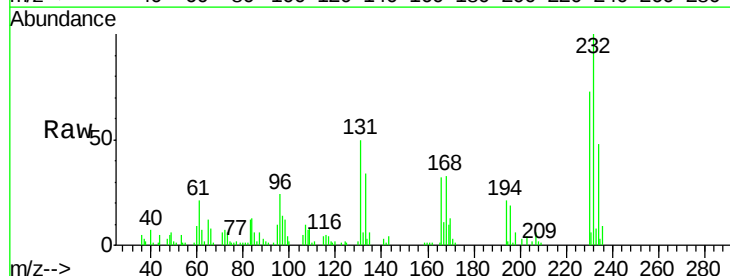
Instrument :
 BNA_N
 ClientSampleId :

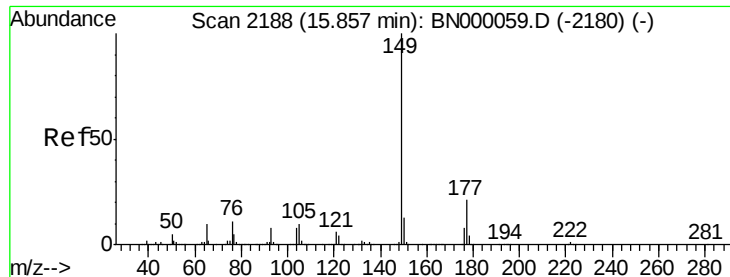
Tot Ion	166	Resp	359793
Ion Ratio	100	Lower	Upper
165	97.3	80.6	121.0
167	13.7	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.25 ng
 RT: 15.67 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

Tgt Ion	232	Resp	53975
Ion Ratio	100	Lower	Upper
131	58.1	33.5	50.3#
130	2.3	2.2	3.2
166	33.3	24.8	37.2

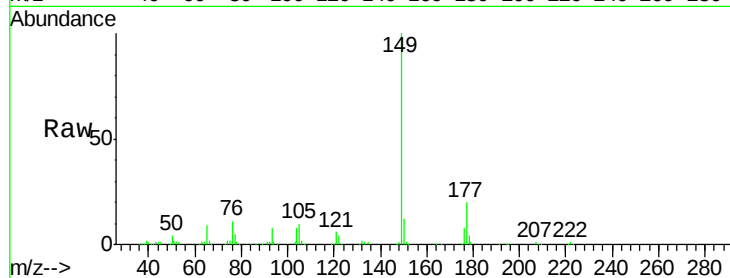




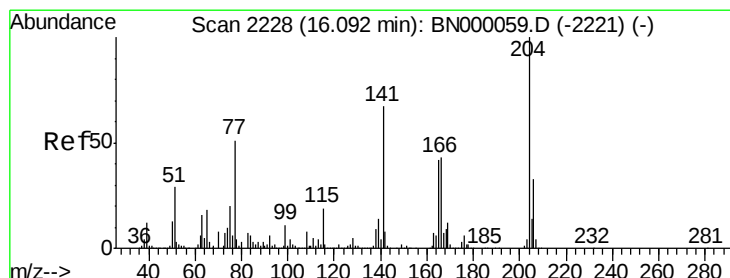
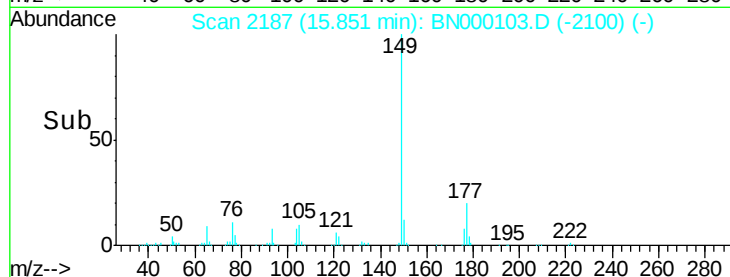
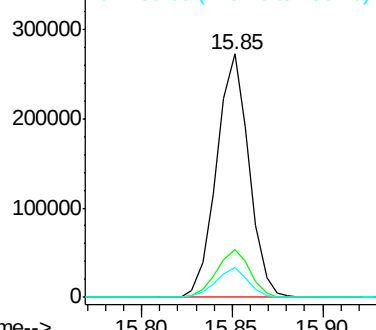
#59
Diethylphthalate
Concen: 4.02 ng
RT: 15.85 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.8	18.5	27.7
150	12.0	10.2	15.2

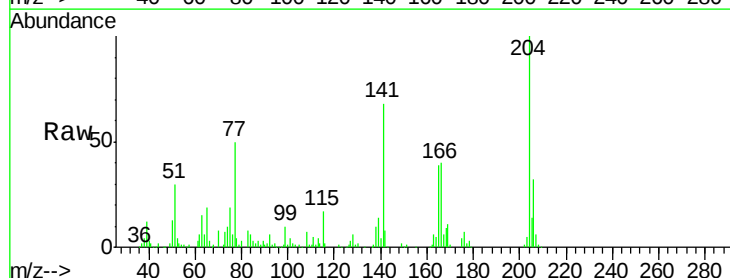


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

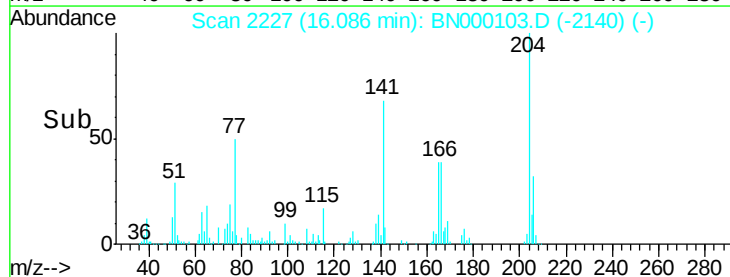
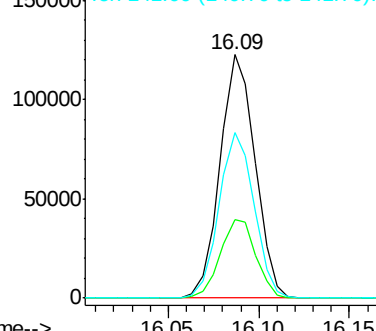


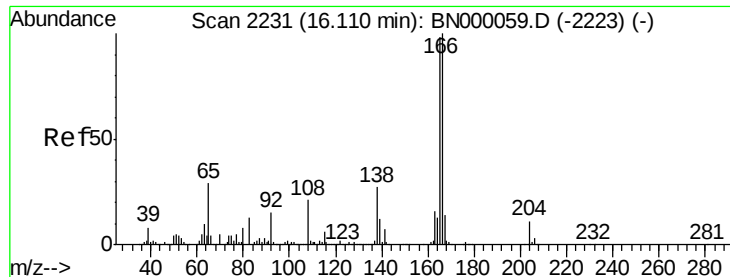
#60
4-Chlorophenyl-phenylether
Concen: 4.58 ng
RT: 16.09 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	68.2	45.8	68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

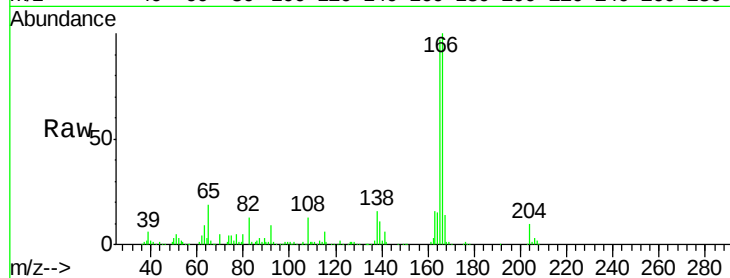




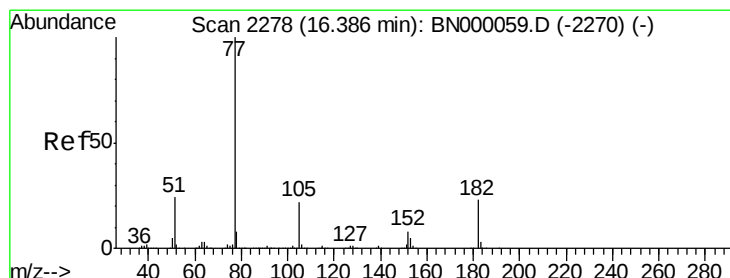
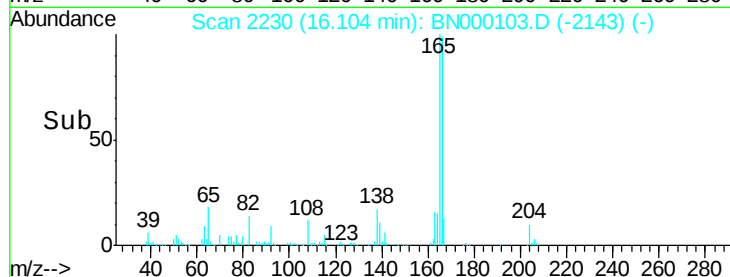
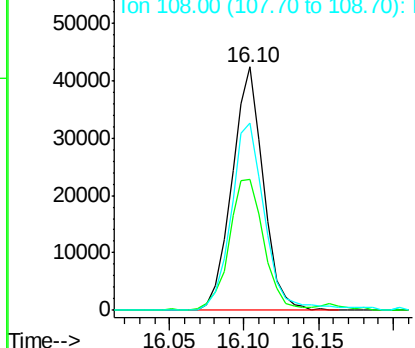
#61
4-Nitroaniline
Concen: 2.89 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:138 Resp: 61670
Ion Ratio Lower Upper
138 100
92 53.7 40.1 80.1
108 77.1 65.4 105.4

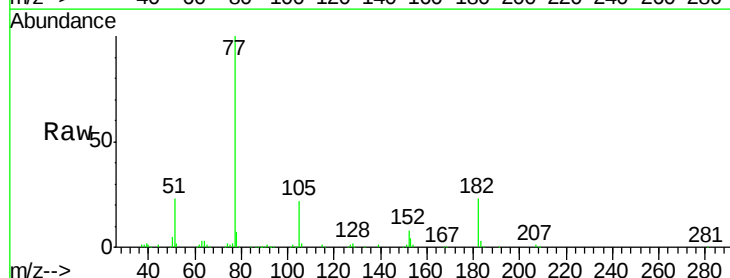


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNC
Ion 108.00 (107.70 to 108.70): E

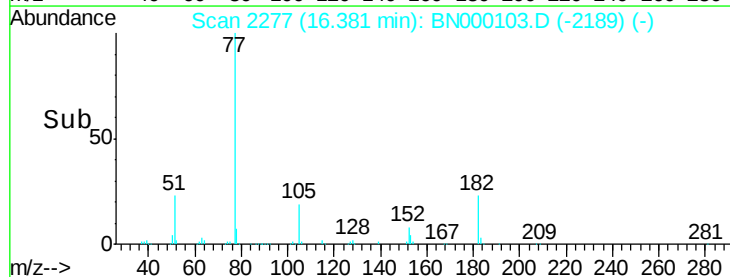
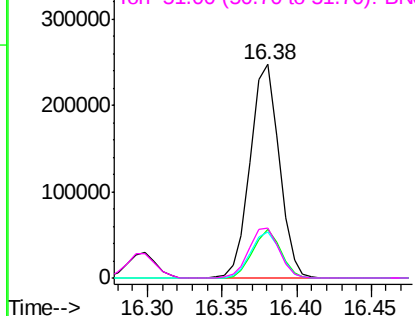


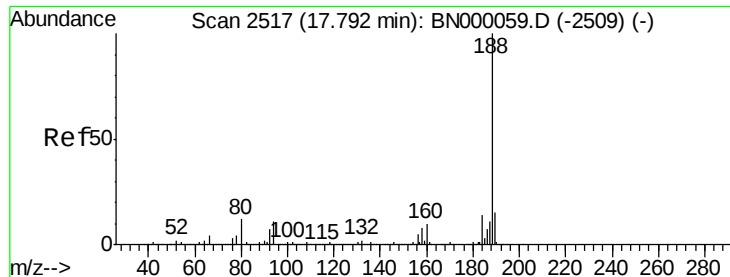
#62
Azobenzene
Concen: 3.97 ng
RT: 16.38 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion: 77 Resp: 331698
Ion Ratio Lower Upper
77 100
182 22.6 7.4 47.4
105 21.9 0.3 40.3
51 23.5 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BNC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.79 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

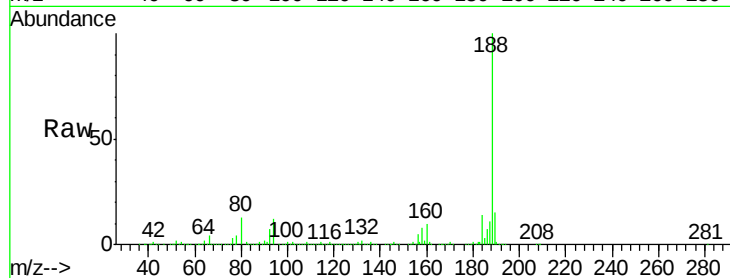
Tot Ion:188 Resp: 2247572

Ion Ratio Lower Upper

188 100

94 12.0 6.9 10.3#

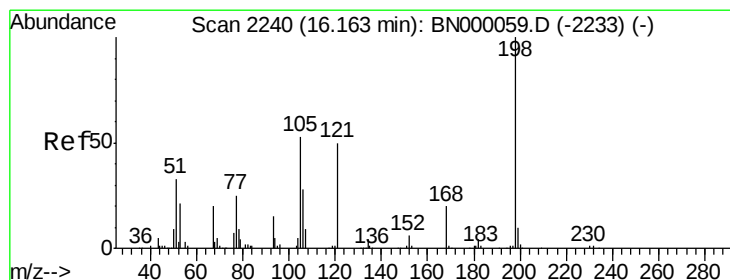
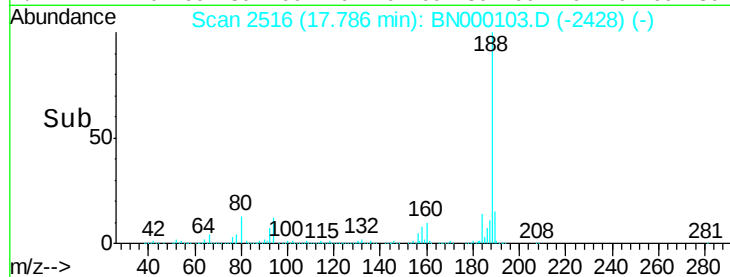
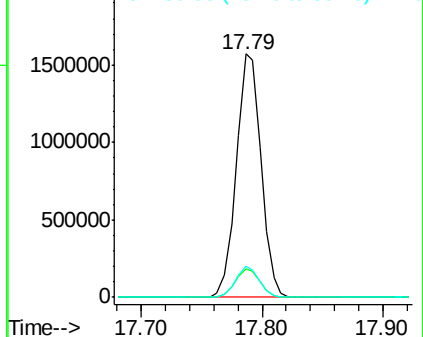
80 12.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 10.38 ng

RT: 16.16 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

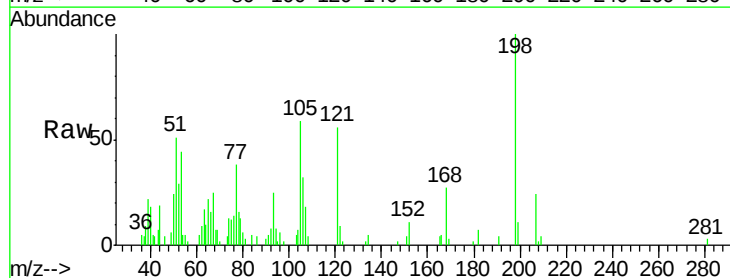
Tgt Ion:198 Resp: 21700

Ion Ratio Lower Upper

198 100

51 50.7 30.6 70.6

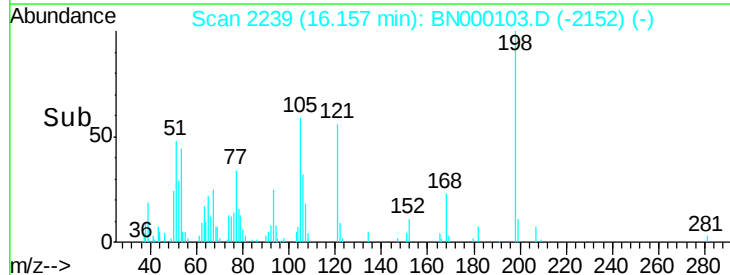
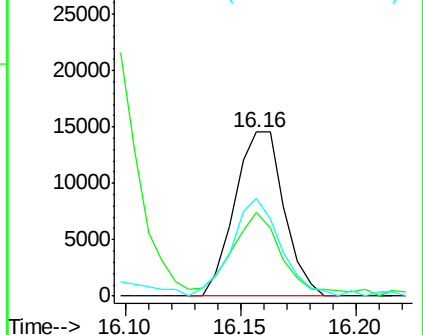
105 59.3 23.8 63.8

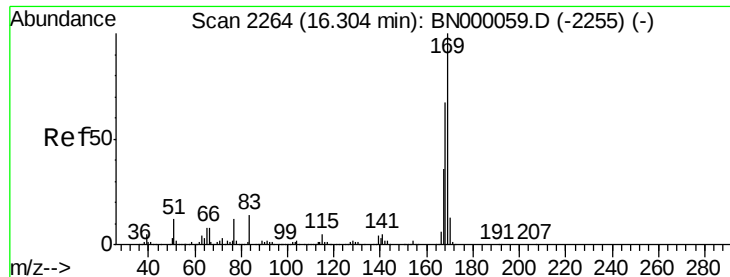


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

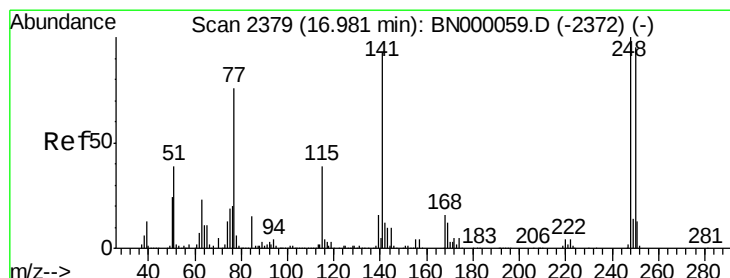
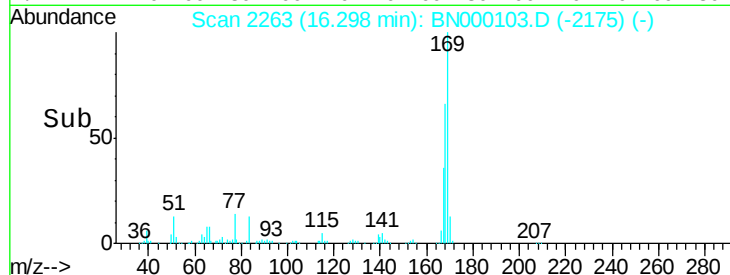
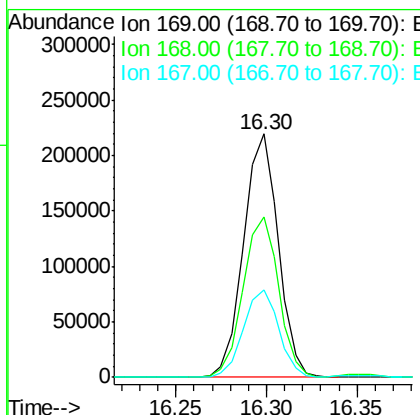
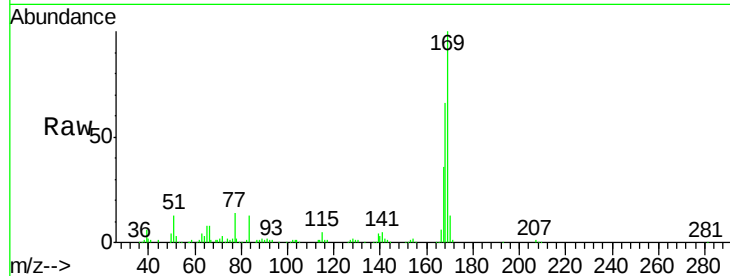




#65
 n-Nitrosodiphenylamine
 Concen: 4.00 ng
 RT: 16.30 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

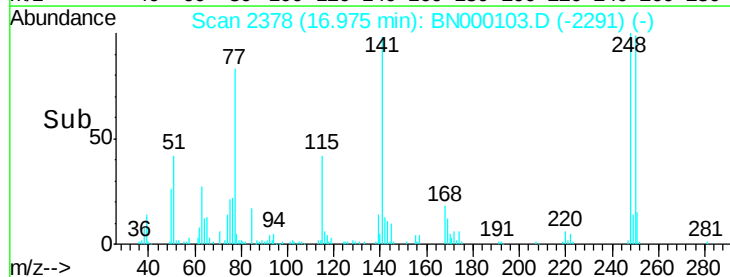
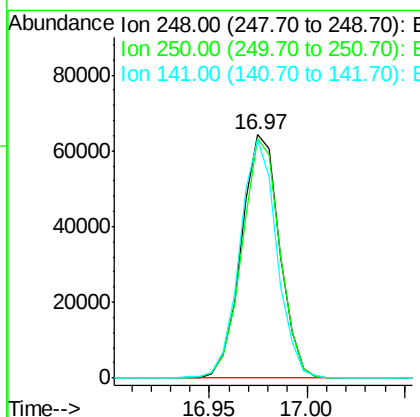
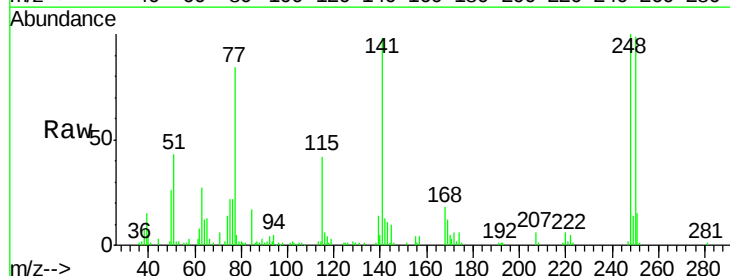
Instrument :
 BNA_N
 ClientSampled :

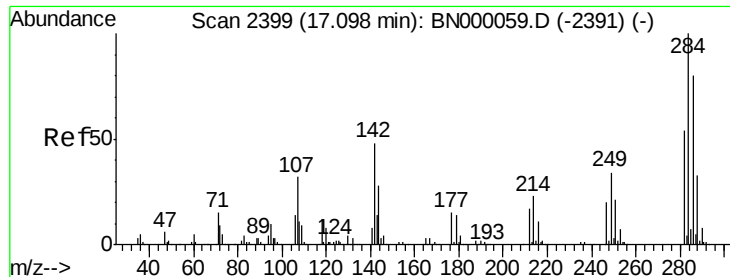
Tot Ion	169	Resp	292876
Ion Ratio	100		
Lower	55.7		
Upper	83.5		
168	66.0		
167	36.1		



#66
 4-Bromophenyl-phenylether
 Concen: 4.07 ng
 RT: 16.97 min Scan# 2378
 Delta R.T. -0.02 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

Tgt Ion	248	Resp	86943
Ion Ratio	100		
Lower	77.1		
Upper	115.7		
250	98.7		
141	97.9		

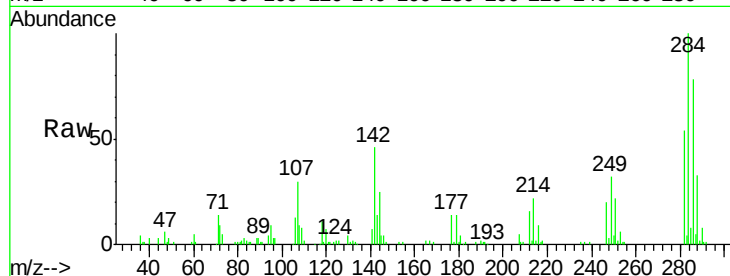




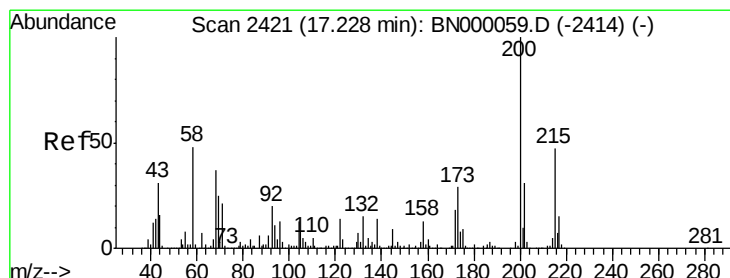
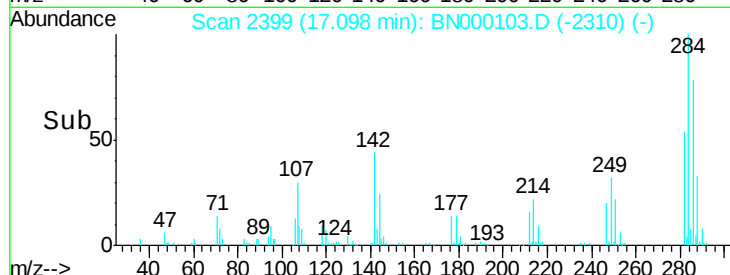
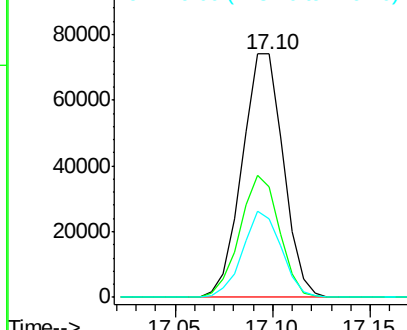
#67
Hexachlorobenzene
Concen: 4.34 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 108315
Ion Ratio Lower Upper
284 100
142 45.6 26.8 40.2#
249 32.3 26.3 39.5

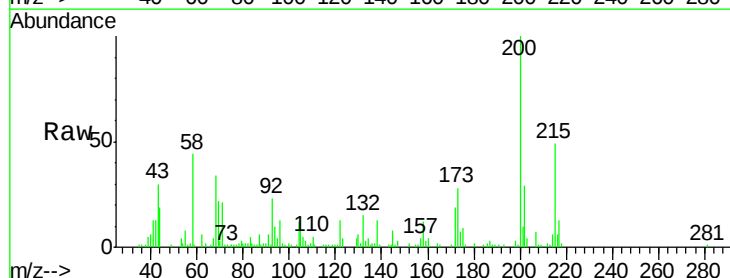


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

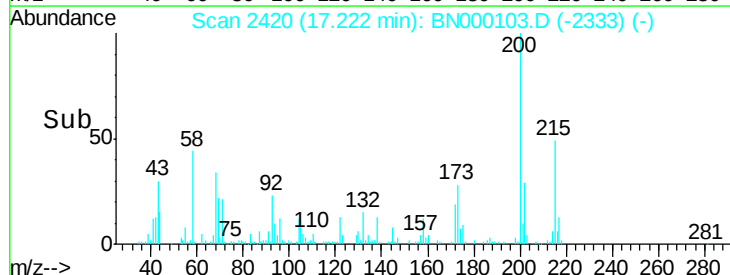
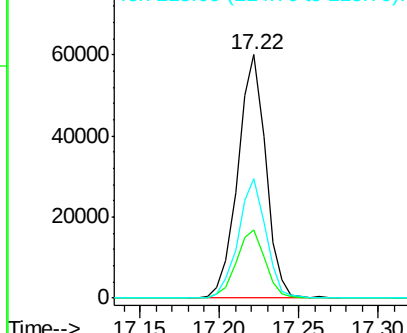


#68
Atrazine
Concen: 3.08 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion:200 Resp: 73301
Ion Ratio Lower Upper
200 100
173 27.9 5.2 45.2
215 49.1 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 8.06 ng

RT: 17.43 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

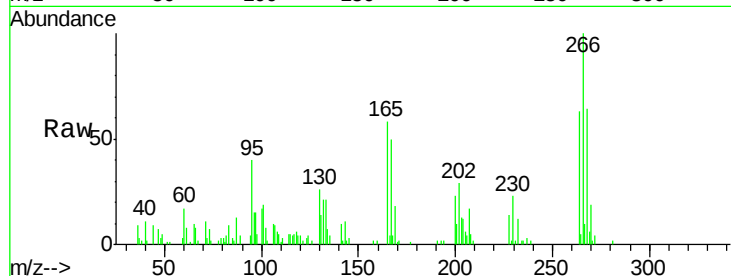
Tot Ion:266 Resp: 41299

Ion Ratio Lower Upper

266 100

268 64.0 51.1 76.7

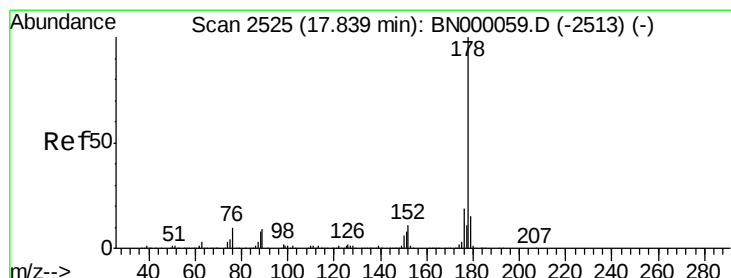
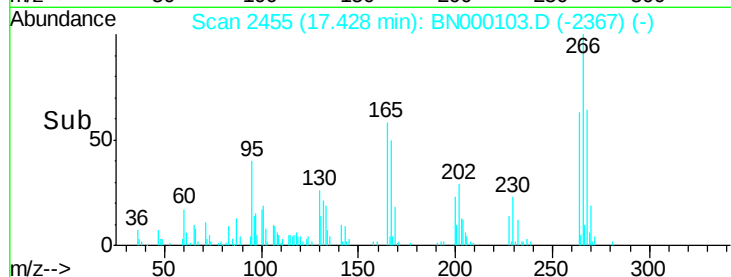
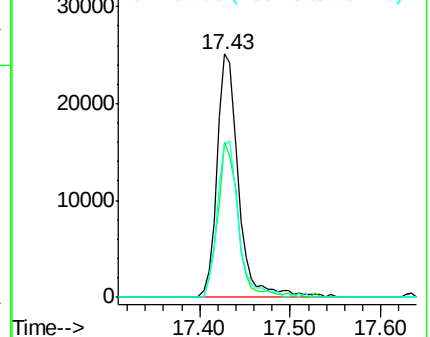
264 62.7 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 4.57 ng

RT: 17.83 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

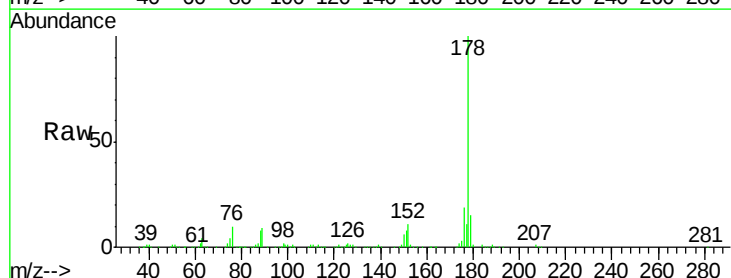
Tgt Ion:178 Resp: 607248

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

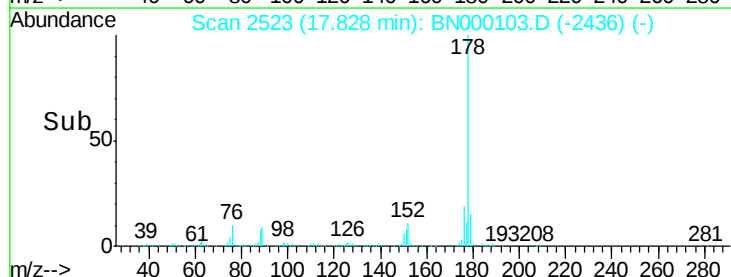
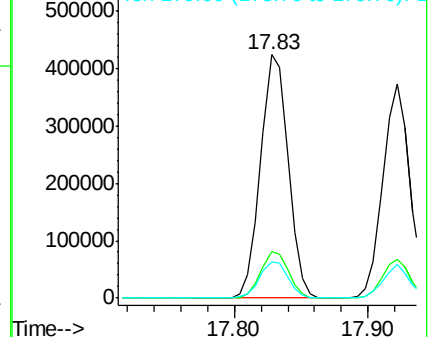
179 15.0 12.5 18.7

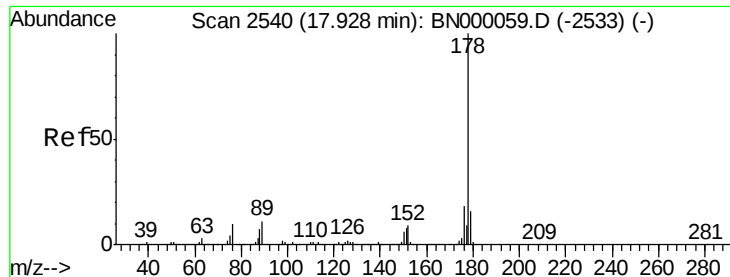


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

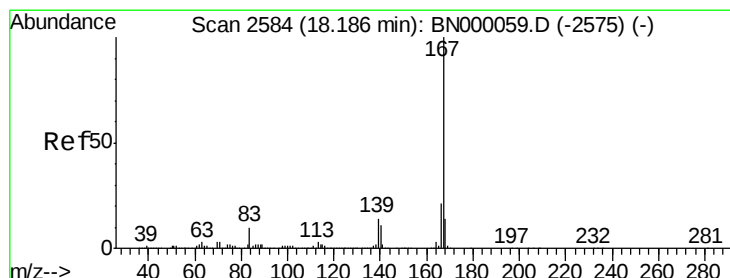
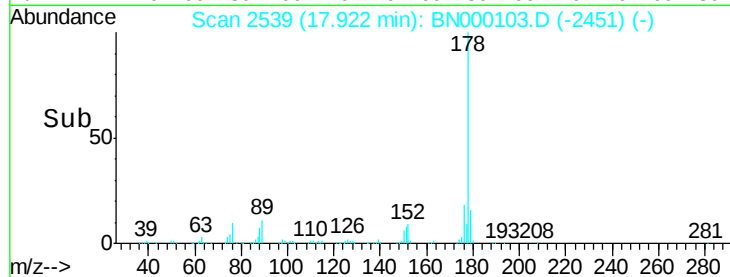
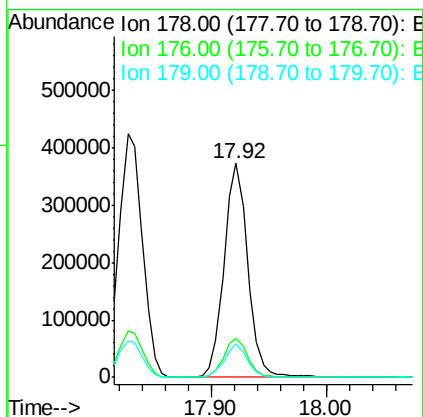
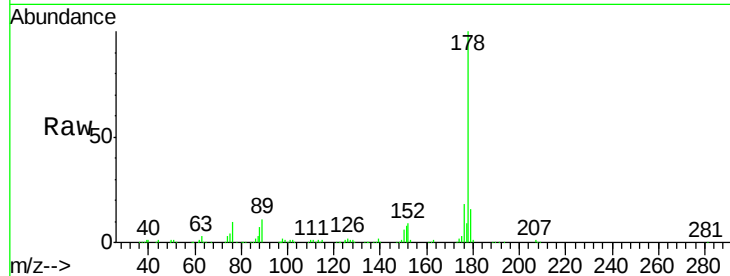




#71
 Anthracene
 Concen: 4.13 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

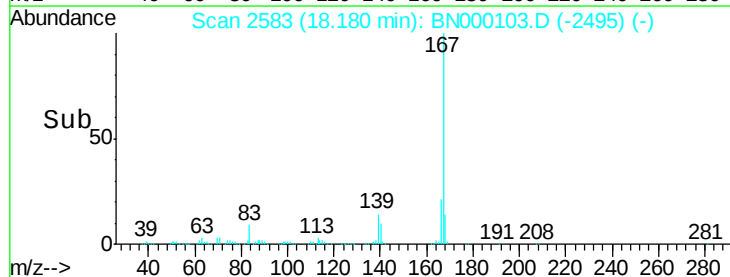
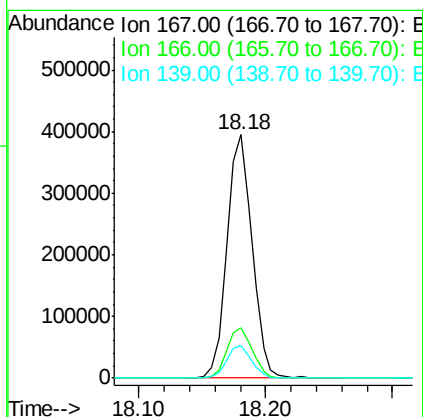
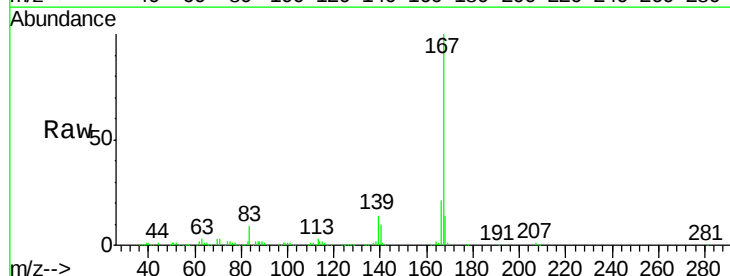
Instrument :
 BNA_N
 ClientSampled :

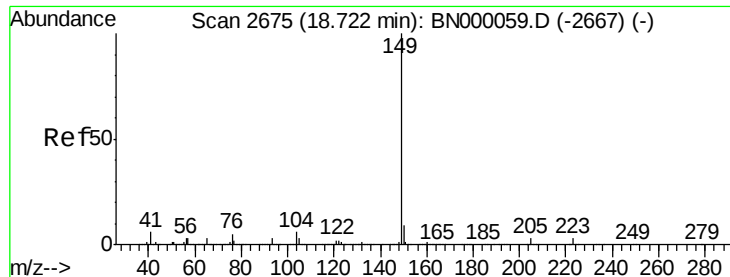
Tot Ion:178 Resp: 530686
 Ion Ratio Lower Upper
 178 100
 176 18.1 16.0 24.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 4.16 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

Tgt Ion:167 Resp: 538120
 Ion Ratio Lower Upper
 167 100
 166 20.9 18.2 27.4
 139 13.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 3.12 ng

RT: 18.71 min Scan# 2673

Delta R.T. -0.02 min

Lab File: BN000103.D

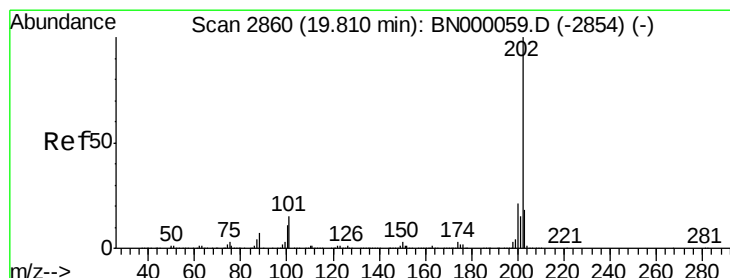
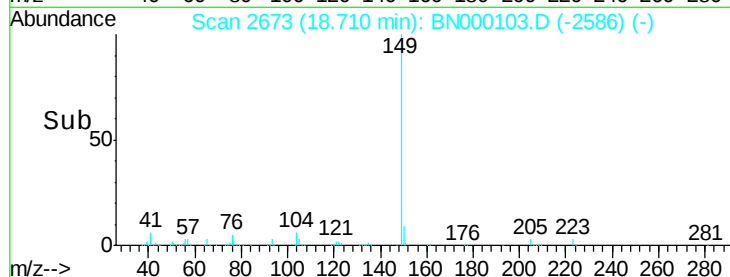
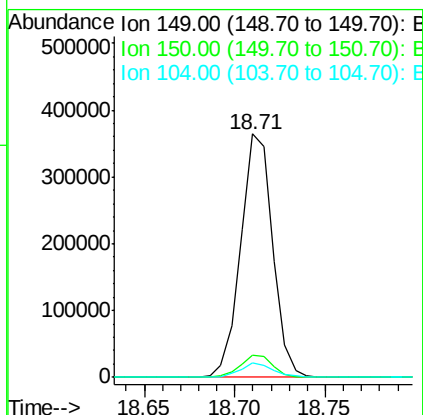
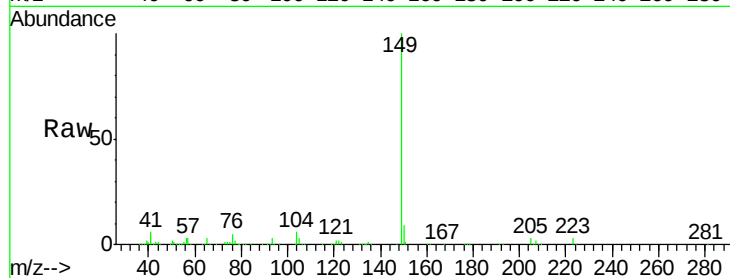
Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampled :

Tot Ion:149	Resp:	446735
Ion Ratio	Lower	Upper
149	100	
150	9.3	7.8 11.6
104	6.1	3.9 5.9#



#74

Fluoranthene

Concen: 4.33 ng

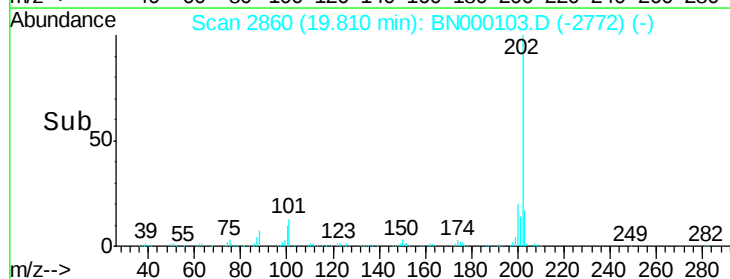
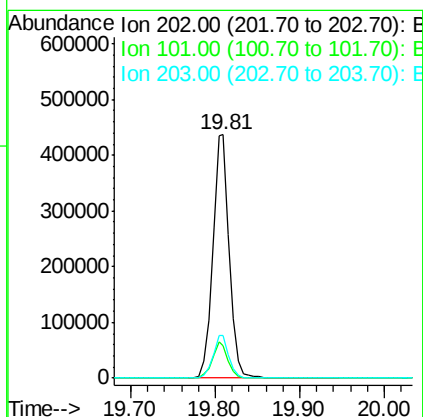
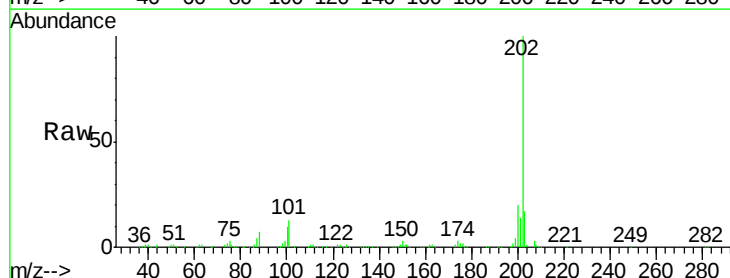
RT: 19.81 min Scan# 2860

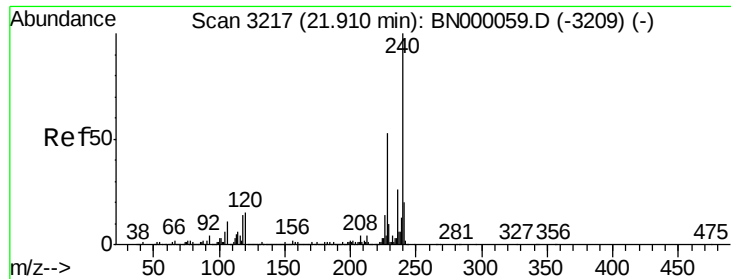
Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Tgt Ion:202	Resp:	602455
Ion Ratio	Lower	Upper
202	100	
101	13.1	0.0 28.9
203	17.5	0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

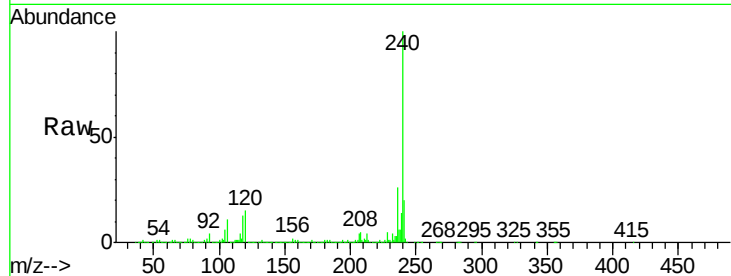
Tot Ion:240 Resp: 2512442

Ion Ratio Lower Upper

240 100

120 14.6 6.8 10.2#

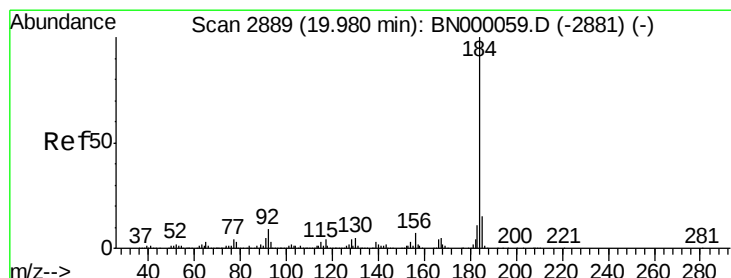
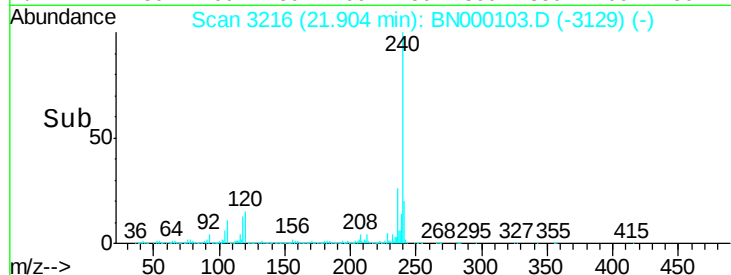
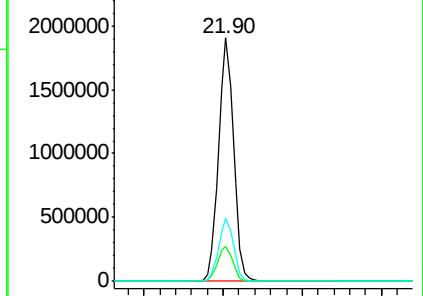
236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.69 ng

RT: 19.97 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

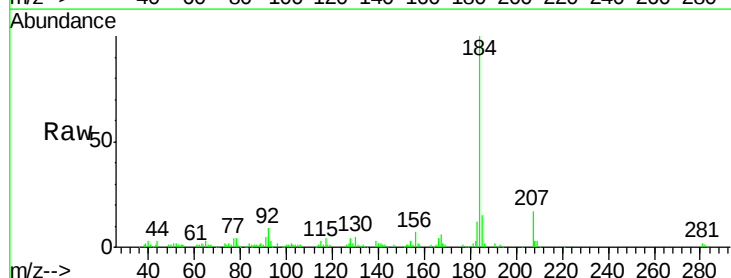
Tgt Ion:184 Resp: 135466

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

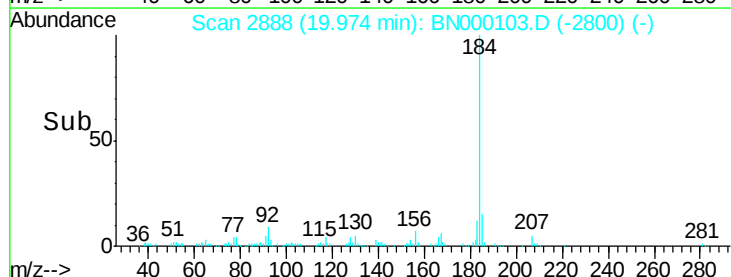
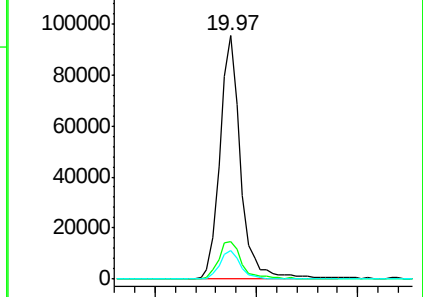
183 11.5 10.6 16.0

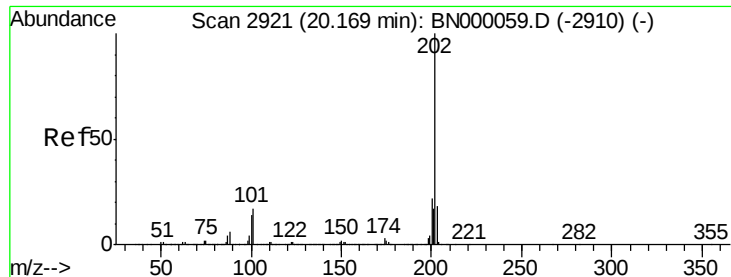


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

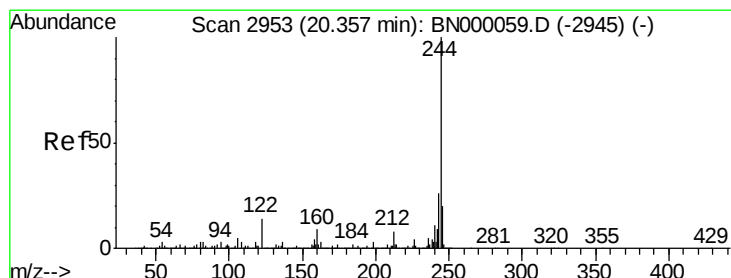
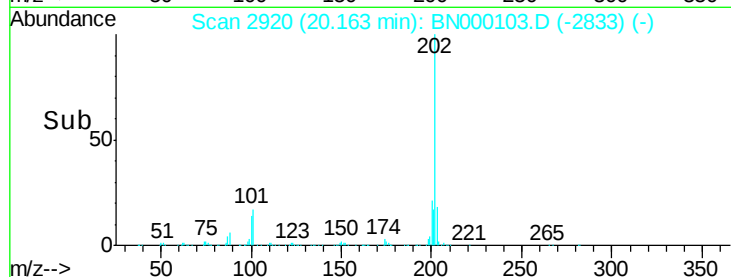
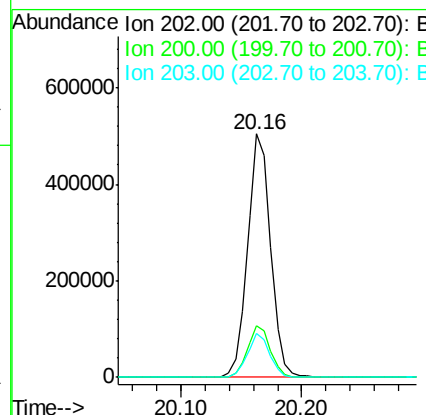
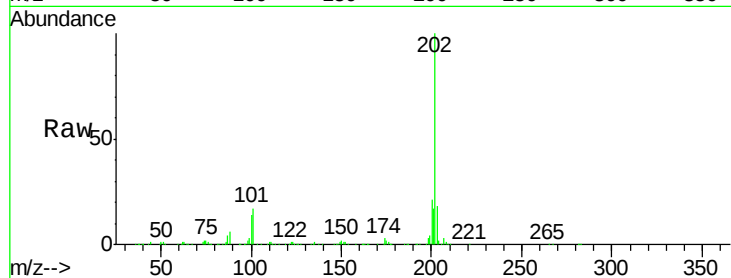




#77
Pvrene
Concen: 4.21 ng
RT: 20.16 min Scan# 2920
Delta R.T. -0.02 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

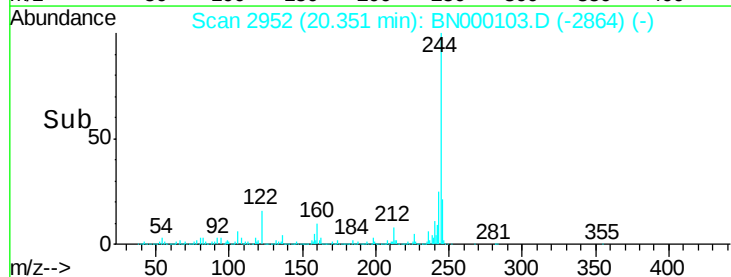
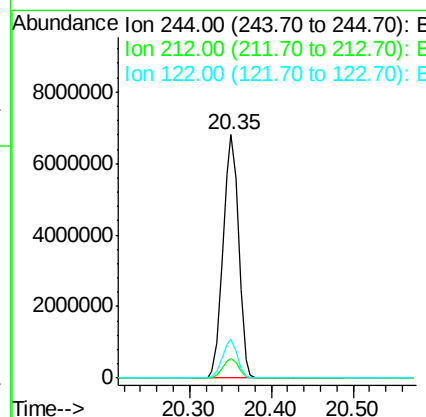
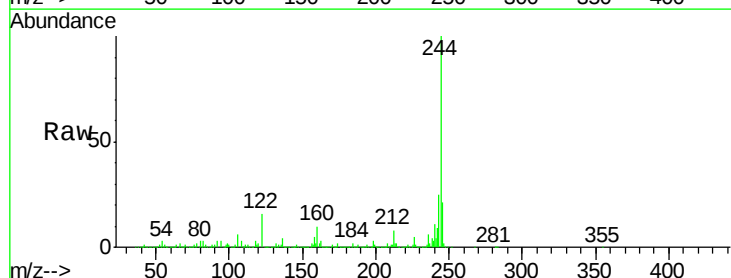
Instrument :
BNA_N
ClientSampleId :

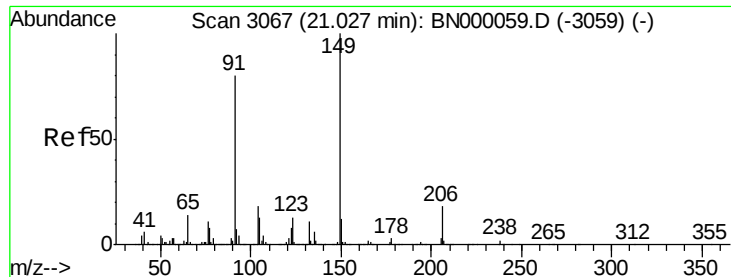
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.8	13.9	20.9



#78
Terphenyl-d14
Concen: 97.33 ng
RT: 20.35 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	15.9	7.0	10.4

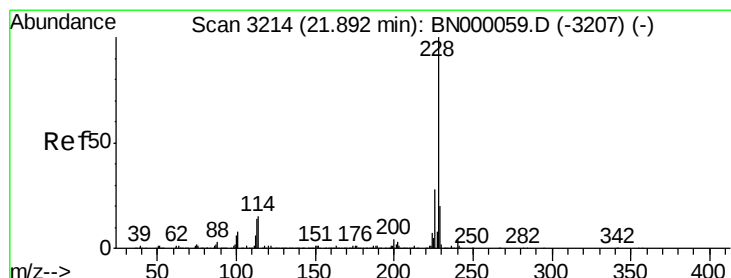
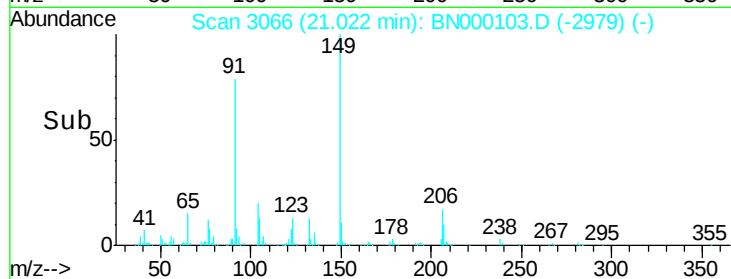
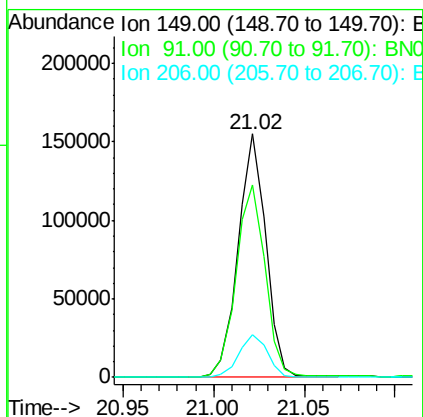
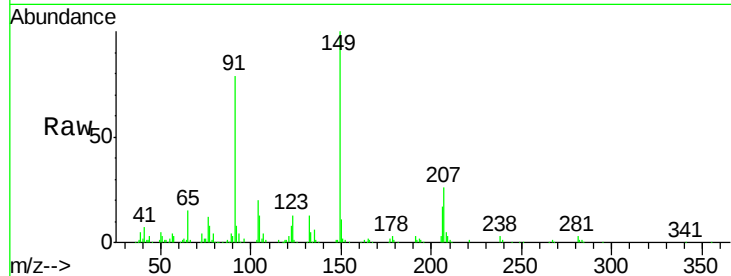




#79
Butylbenzylphthalate
Concen: 7.30 ng
RT: 21.02 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

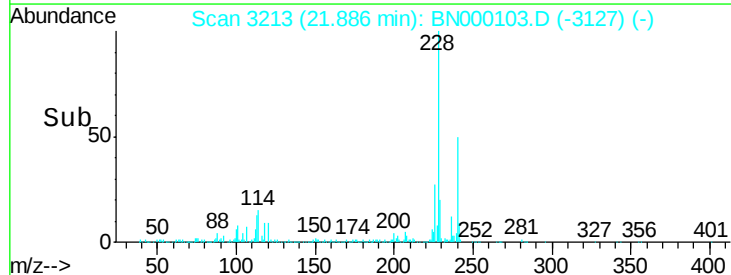
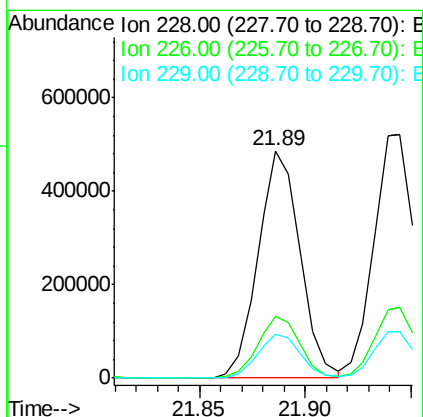
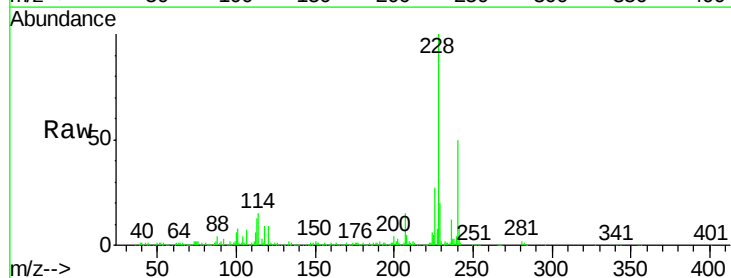
Instrument :
BNA_N
ClientSampleId :

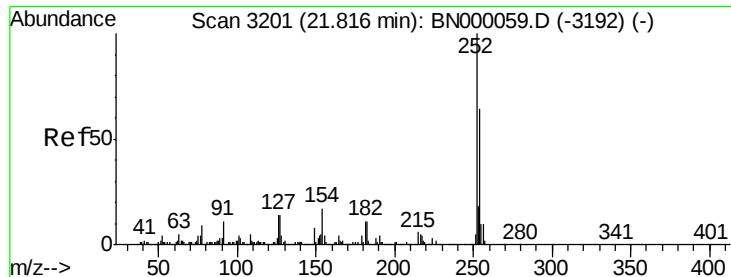
Tot Ion	Ratio	Lower	Upper
149	100		
91	79.0	62.2	93.2
206	17.5	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 4.35 ng
RT: 21.89 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.7	34.1
229	19.5	16.2	24.2

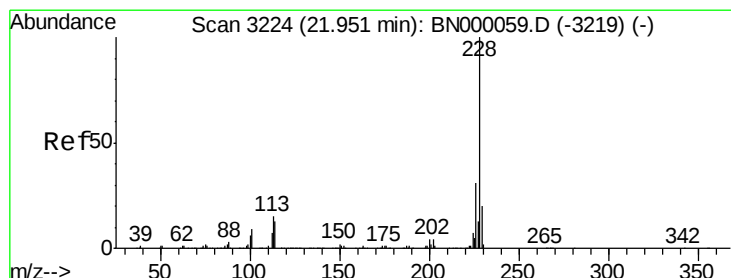
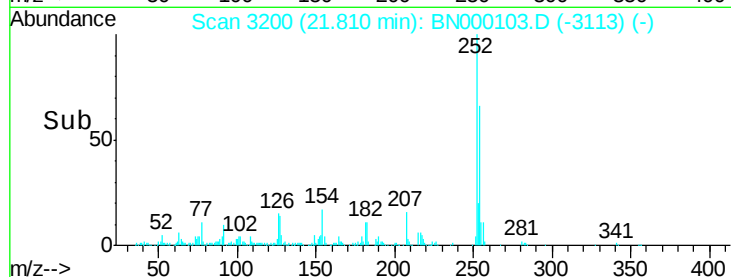
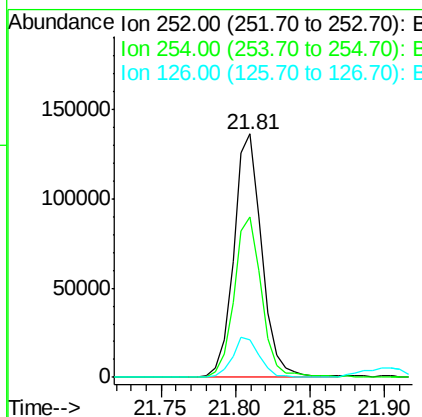
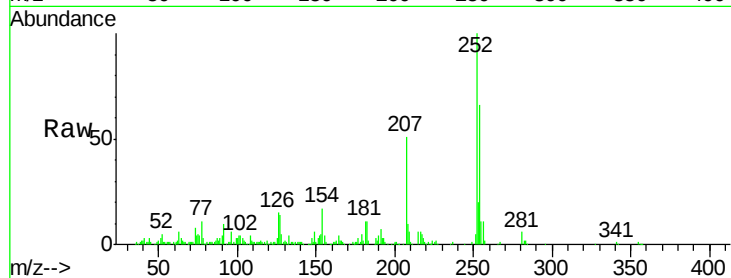




#81
 3,3'-Dichlorobenzidine
 Concen: 3.15 ng
 RT: 21.81 min Scan# 3200
 Delta R.T. -0.02 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

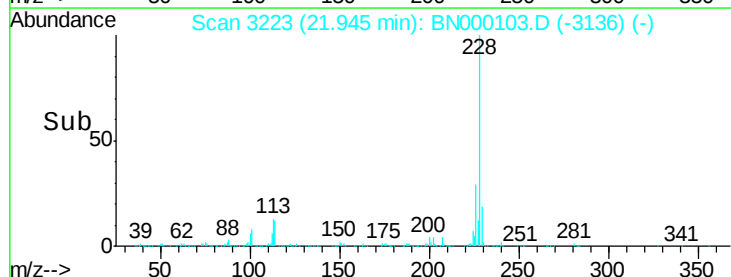
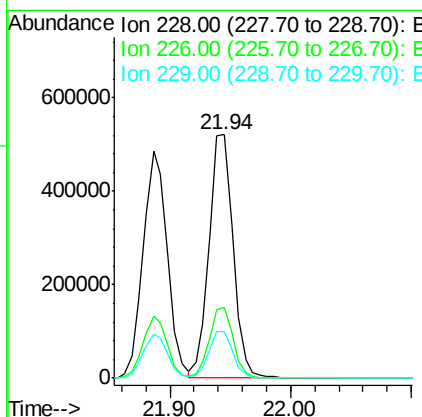
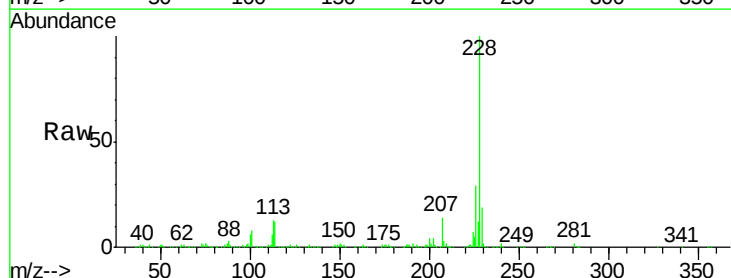
Instrument :
 BNA_N
 ClientSampleId :

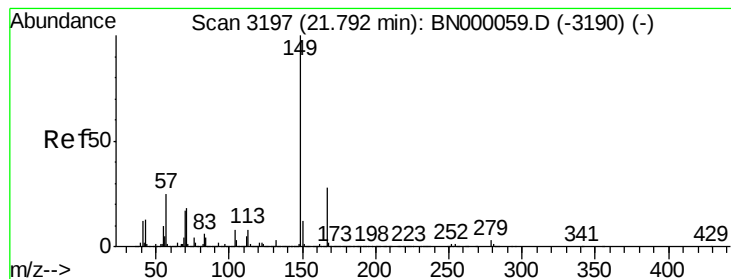
Tot Ion:252 Resp: 178913
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.8 76.2
 126 15.5 7.4 11.2#



#82
 Chrysene
 Concen: 4.65 ng
 RT: 21.94 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

Tgt Ion:228 Resp: 714843
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.9 37.3
 229 18.9 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.24 ng

RT: 21.78 min Scan# 3195

Delta R.T. -0.03 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

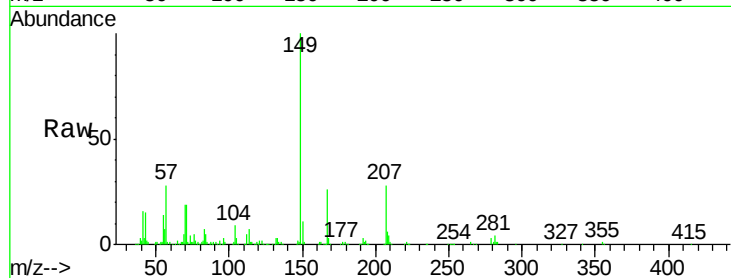
Tot Ion:149 Resp: 279046

Ion Ratio Lower Upper

149 100

167 25.9 24.3 36.5

279 2.5 4.0 6.0#



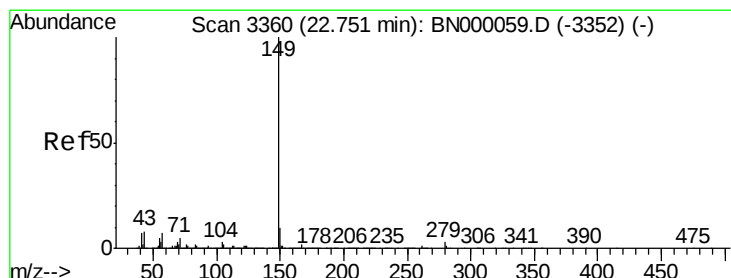
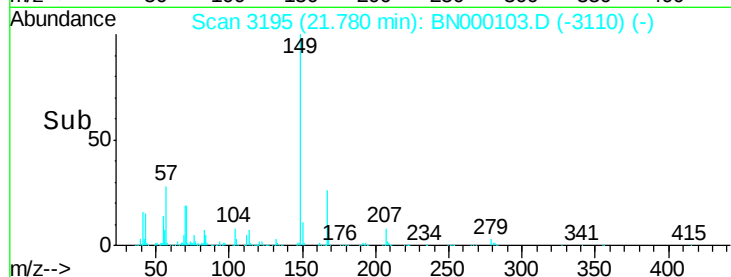
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.78

Time--> 21.70 21.75 21.80 21.85



#84

Di-n-octyl phthalate

Concen: 8.25 ng

RT: 22.74 min Scan# 3358

Delta R.T. -0.03 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

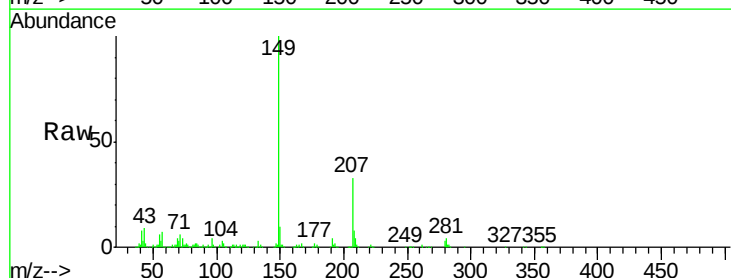
Tgt Ion:149 Resp: 380154

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.1 8.9 13.3



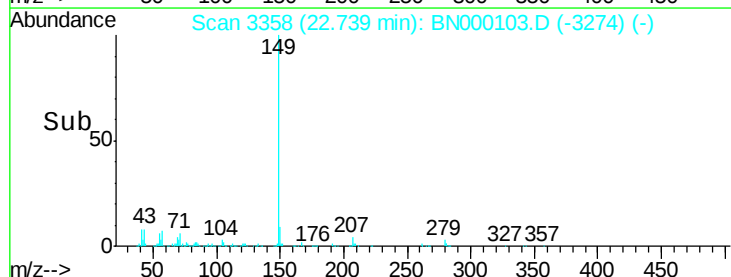
Abundance Ion 149.00 (148.70 to 149.70): E

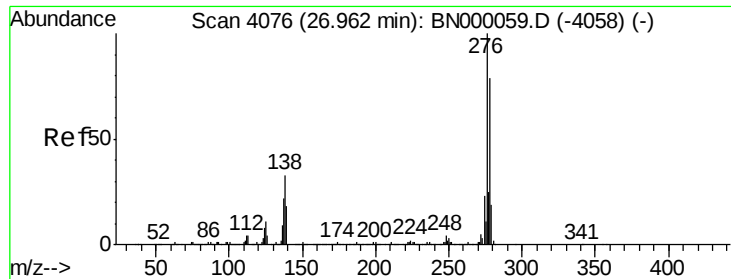
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

22.74

Time--> 22.70 22.75 22.80

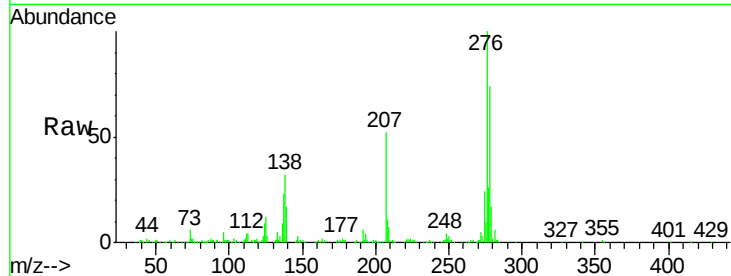




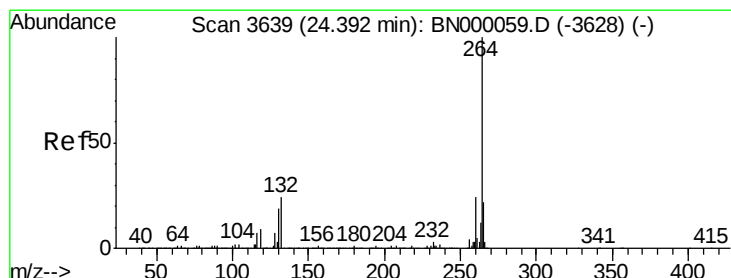
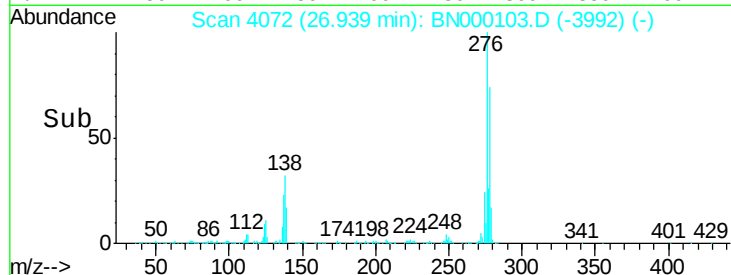
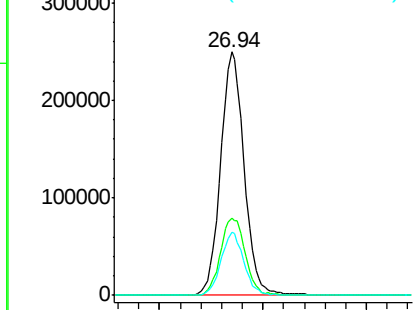
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.18 ng
 RT: 26.94 min Scan# 4072
 Delta R.T. -0.06 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 789890
 Ion Ratio Lower Upper
 276 100
 138 33.4 16.0 24.0#
 277 25.2 20.0 30.0

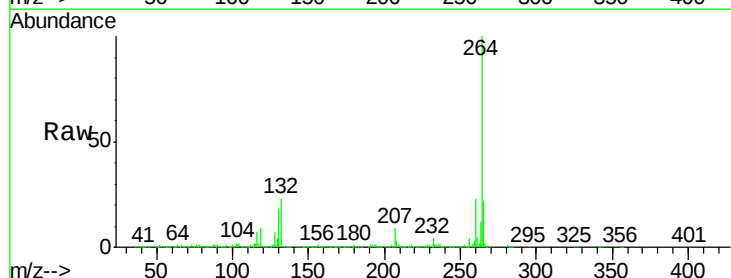


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

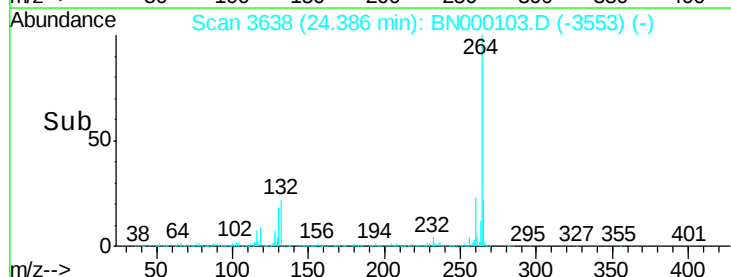
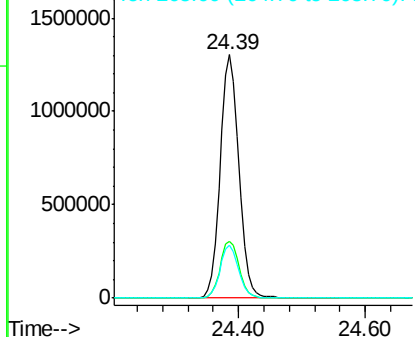


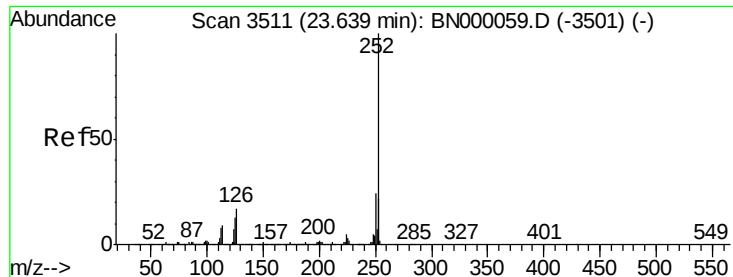
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.39 min Scan# 3638
 Delta R.T. -0.03 min
 Lab File: BN000103.D
 Acq: 15 Feb 2018 18:42

Tgt Ion:264 Resp: 2675473
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.4 26.0
 265 21.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

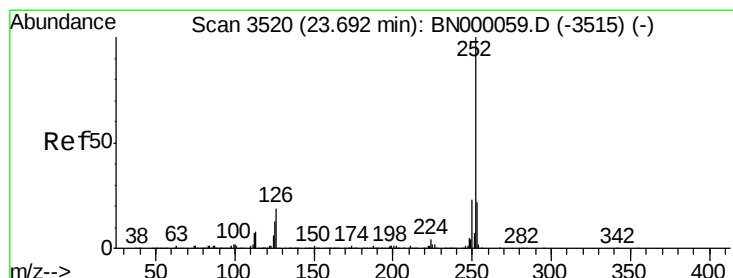
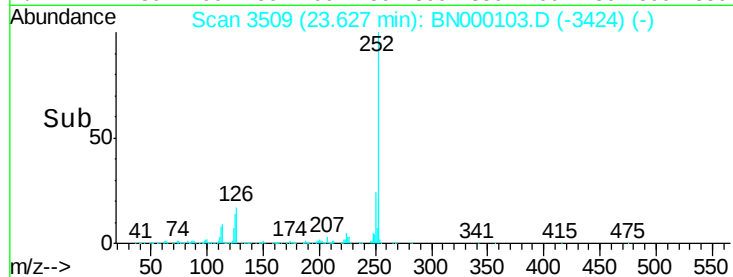
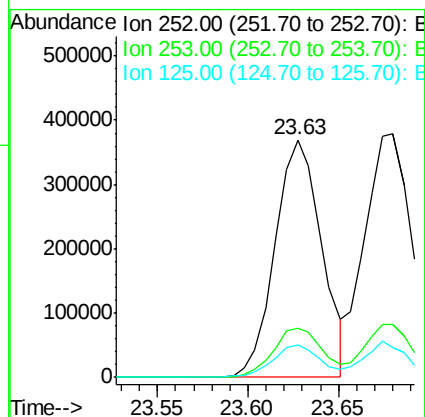
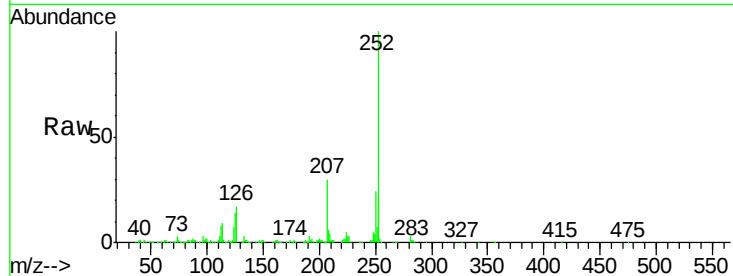




#87
Benzo(b)fluoranthene
Concen: 4.24 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.03 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

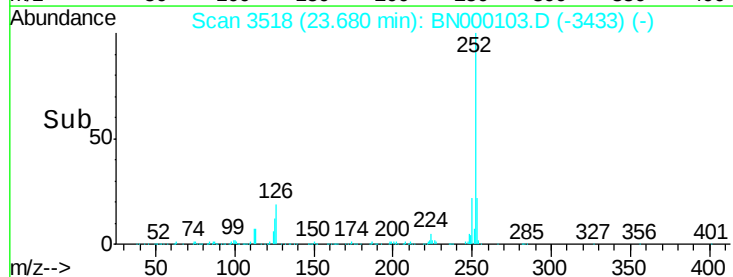
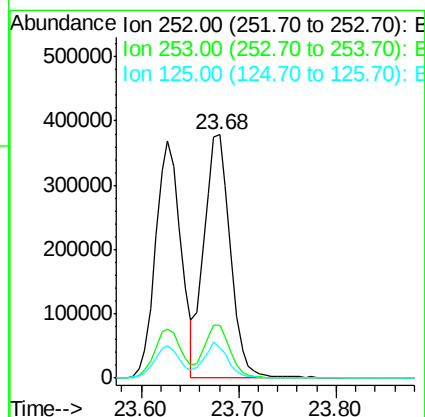
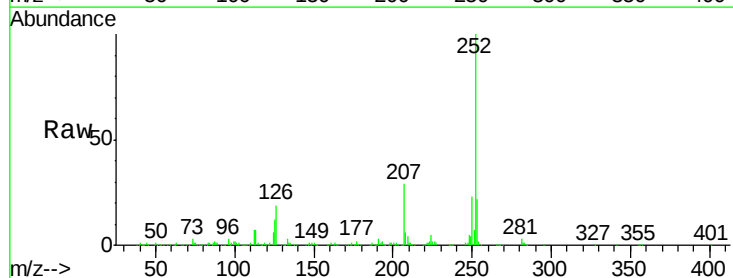
Instrument :
BNA_N
ClientSampleId :

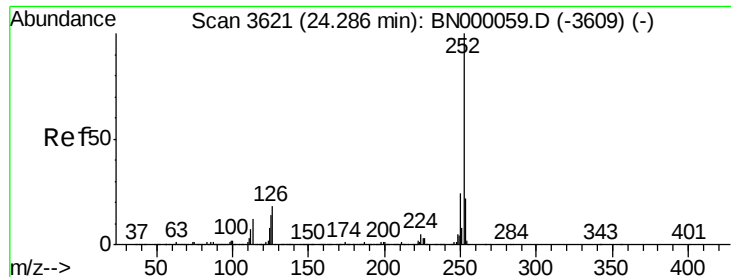
Tot Ion:252 Resp: 664047
Ion Ratio Lower Upper
252 100
253 20.8 18.2 27.4
125 13.7 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 4.47 ng
RT: 23.68 min Scan# 3518
Delta R.T. -0.03 min
Lab File: BN000103.D
Acq: 15 Feb 2018 18:42

Tgt Ion:252 Resp: 704246
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 12.4 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 4.16 ng

RT: 24.27 min Scan# 3619

Delta R.T. -0.04 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

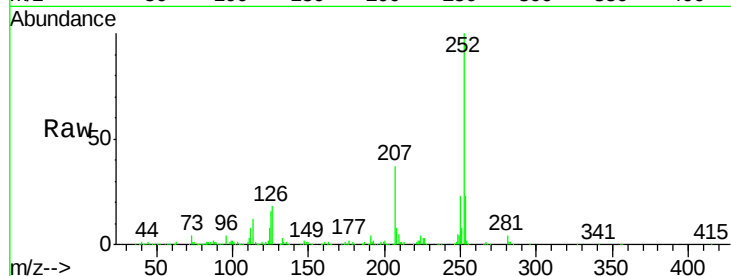
Tot Ion:252 Resp: 624899

Ion Ratio Lower Upper

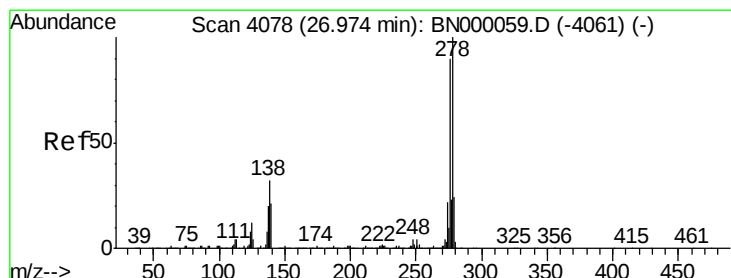
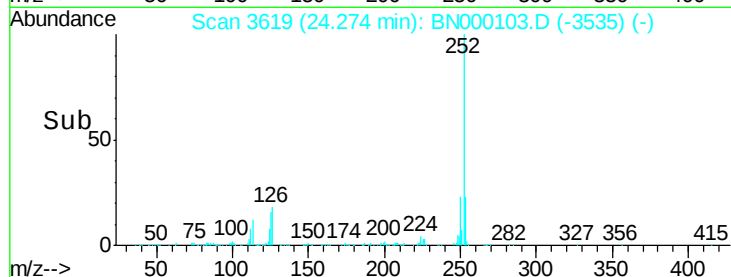
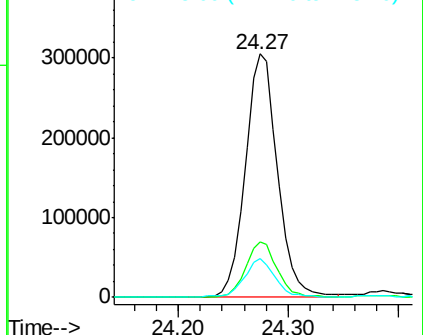
252 100

253 22.6 18.3 27.5

125 16.0 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 4.23 ng

RT: 26.95 min Scan# 4074

Delta R.T. -0.06 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

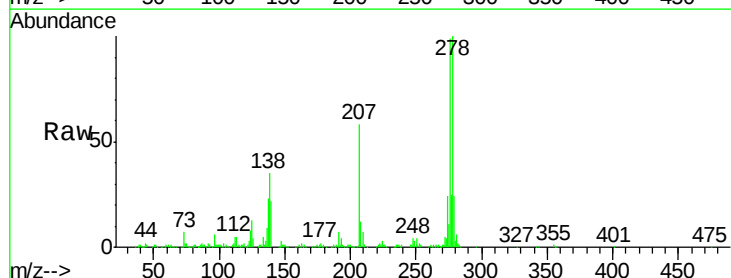
Tgt Ion:278 Resp: 664083

Ion Ratio Lower Upper

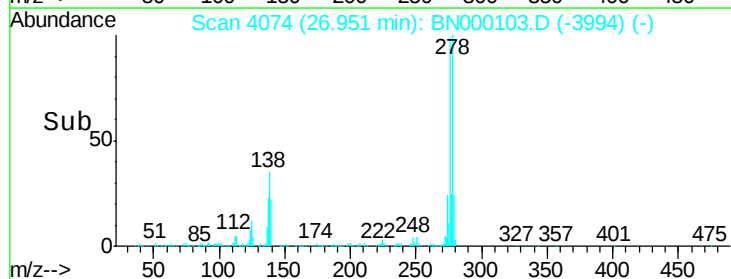
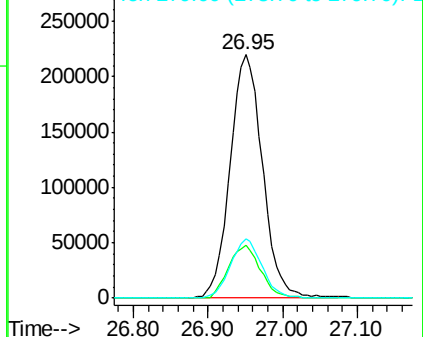
278 100

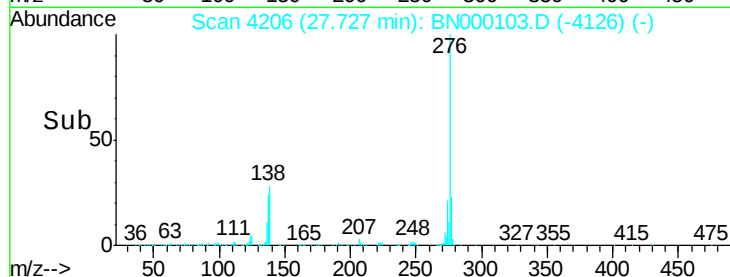
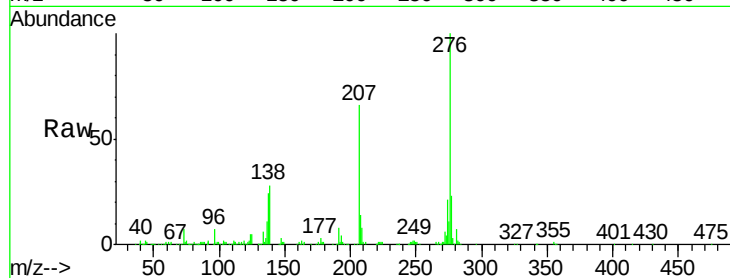
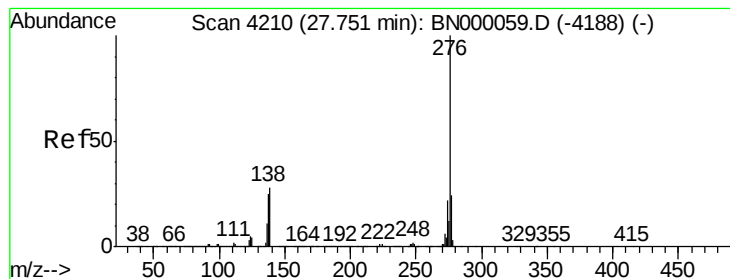
139 21.5 9.8 14.6#

279 24.3 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 4.09 ng

RT: 27.73 min Scan# 4206

Delta R.T. -0.06 min

Lab File: BN000103.D

Acq: 15 Feb 2018 18:42

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 649111

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 28.4 13.9 20.9#

